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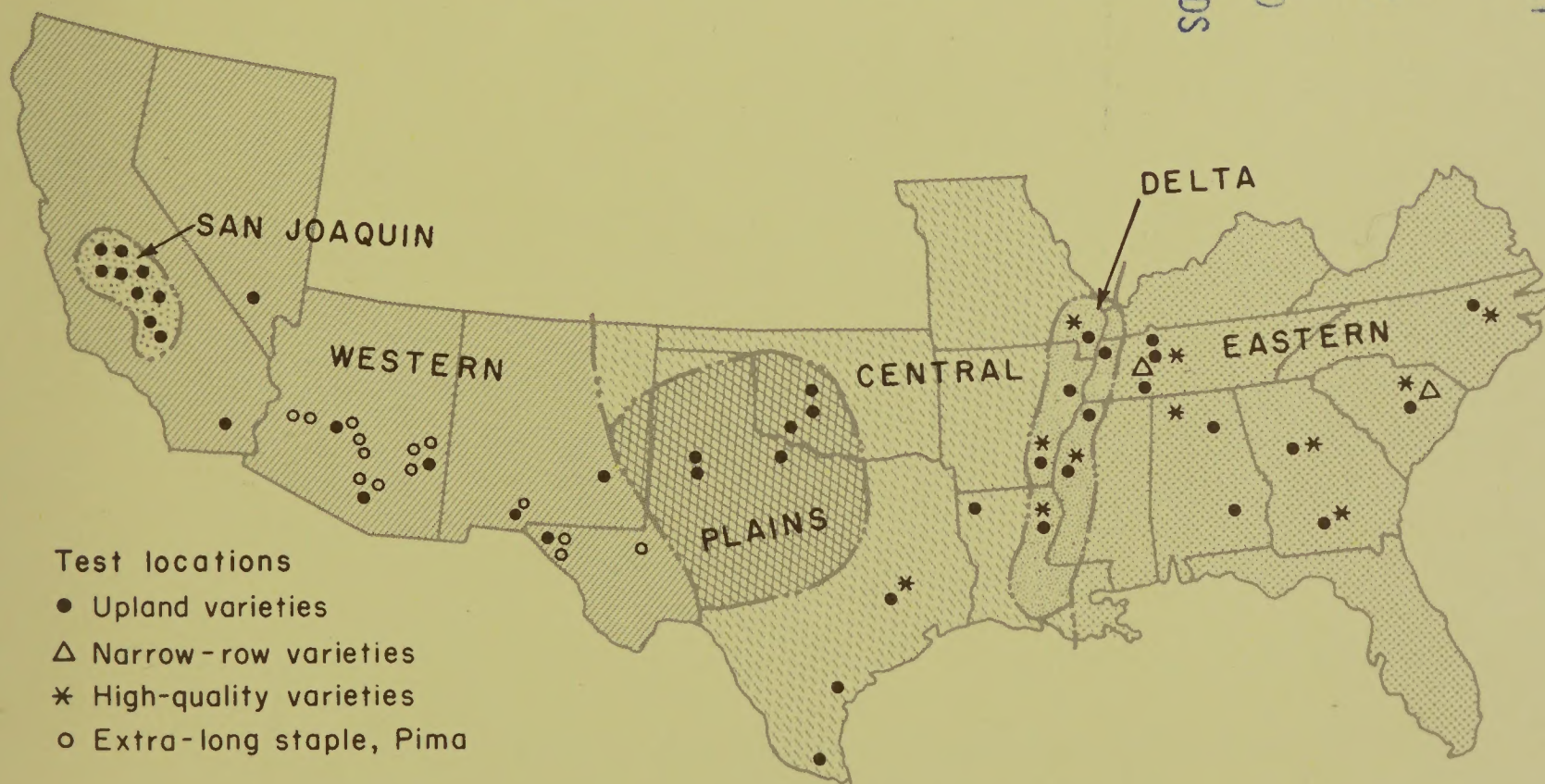
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# Regional Cotton Variety Tests, 1973

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Science and Education Administration  
U.S. Department of Agriculture





## REGIONAL COTTON VARIETY TESTS, 1973

Compiled by H. H. Ramey, Jr., research geneticist, J. H. Turner, Jr., research agronomist, and R. S. Krowicki, research physicist, Cotton Quality Laboratories, Science and Education Administration, in cooperation with the agricultural experiment stations of Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, Missouri, Nevada, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas

Science and Education Administration  
U.S. Department of Agriculture

Results of the Regional Cotton Variety Tests have not been issued since 1975, when the 1972 results were published as U.S. Agricultural Research Service [Report] ARS-S-62. Technical problems have prevented complete collection, analysis, and timely issue of the test data. Those problems have largely been solved, and distribution of the test results can begin again. The compilers hope to bring publication of the test results up to date rapidly. In the following bibliographic checklist, \* indicates that the report is out of print, and \*\* indicates that a limited quantity of the report is available.

<u>Test year</u>	<u>Report</u>				
*1960	U.S. Agricultural Research Service	[Report]	ARS	34-30	
*1961	"	"	"	"	ARS 34-43
*1962	"	"	"	"	ARS 34-60
*1963	"	"	"	"	ARS 34-68
*1964	"	"	"	"	ARS 34-81
*1965	"	"	"	"	ARS 34-82
*1966	"	"	"	"	ARS 34-96
**1967	"	"	"	"	ARS 34-105
**1968	"	"	"	"	ARS 34-113
**1969	"	"	"	"	ARS 34-123
**1970	"	"	"	"	ARS 34-130
**1971	"	"	"	"	ARS-S-33
**1972	"	"	"	"	ARS-S-62

The Regional Cotton Variety Test series is available free of charge from the Cotton Quality Laboratories, Science and Education Administration, University of Tennessee Agricultural Campus, Knoxville, Tenn. 37916.

Regional Cotton Variety Tests, 1973. Issued June 1979.

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Published by Agricultural Research (Southern Region), Science and Education Administration, U.S. Department of Agriculture, P.O. Box 53326, New Orleans, La. 70153.



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## INTRODUCTION

The National Cotton Variety Testing Program, developed from recommendations of the Joint Cotton Breeding Policy Committee, is a system for uniform reporting of data from cotton-yield trials across the U.S. Cotton Belt. The trials are conducted annually at selected locations involved in the variety-testing programs of the cooperating State agricultural experiment stations. The National Cotton Variety Testing Committee is responsible for coordinating program plans from year to year.

National standard varieties are chosen for a 3-year cycle of testing. For the fifth 3-year cycle of testing, which began in 1972, the national standards were Acala 1517-70, Coker 310, Deltapine 16, and Lockett 4789A. Within each region, cooperators annually select a group of regional standard varieties that are common to all tests within the region for the particular year. Each station may add entries of local interest, but only data on the national and regional standards are included in this report. All varieties are grown to obtain experimental data, and the designation of national and regional standards is not an endorsement of these varieties by the U.S. Department of Agriculture or the cooperating State agricultural experiment stations.

Plot size, cultural practices, number of entries, and sampling methods are left to the discretion of the participating stations. While these details are not rigidly standardized, all tests are conducted by experienced personnel using sound experimental designs and procedures. Yield and agronomic data, such as boll size and lint percentage, are supplied by the cooperating stations. Fiber samples are sent to the Cotton Quality Laboratories, Science and Education Administration, Knoxville, Tenn., where fiber and yarn tests are made. All data are assembled in the Cotton Quality Laboratories, and the data are analyzed at the University of Tennessee Computer Center.

In 1973, the National Cotton Variety Testing Program was organized as shown on the cover map. Upland varieties were tested in all six regions. A new test (narrow-row test) to evaluate cotton varieties grown in a configuration of two rows 7 to 9 inches apart in conventional beds was conducted in the Eastern Region. Strains developed in the Southern States with superior fiber properties and spinning performance were tested in three contiguous regions (high-quality test). Extra-long-staple American Pima varieties were tested in the Western Region.

The regional tests and participating stations during the 1973 season were:

### Eastern Regional Cotton Variety Test (Upland Varieties)

Alabama Agricultural Experiment Station  
Sand Mountain Substation  
Georgia Agricultural Experiment Station  
Georgia Coastal Plain Experiment Station  
Pee Dee Experiment Station  
Upper Coastal Plain Experiment Station  
West Tennessee Agricultural Experiment Station  
Ames Plantation  
Milan Field Station

Auburn, Ala.  
Crossville, Ala.  
Experiment, Ga.  
Tifton, Ga.  
Florence, S.C.  
Rocky Mount, N.C.  
Jackson, Tenn.  
Grand Junction, Tenn.  
Milan, Tenn.



## Delta Regional Cotton Variety Test (Upland Varieties)

### Arkansas Agricultural Experiment Station:

Delta Substation

Southeast Branch Experiment Station

### Mississippi Agricultural and Forestry Experiment Station:

Delta Branch

Off-station test

### Missouri Agricultural Experiment Station, Delta Center

### Northeast Louisiana Experiment Station

### West Tennessee Agricultural Experiment Station, off-station test

Clarkedale, Ark.

Rohwer, Ark.

Stoneville, Miss.

Tunica, Miss.

Portageville, Mo.

St. Joseph, La.

Ridgely, Tenn.

## Central Regional Cotton Variety Test (Upland Varieties)

### Red River Valley Experiment Station

### Texas A&M University:

Research and Extension Center

Research Station, off-station test

Texas Agricultural Experiment Station

Bossier City, La.

Weslaco, Tex.

Nueces County, Tex.

College Station, Tex.

## Plains Regional Cotton Variety Test (Upland Varieties)

### Cotton Research Station:

Dryland test

Irrigated test

### Irrigation Experiment Station

### Texas A&M University:

Research and Extension Center:

Dryland test

Irrigated test

Research Station, dryland test

Chickasha, Okla.

Chickasha, Okla.

Altus, Okla.

Lubbock, Tex.

Lubbock, Tex.

Chillicothe, Tex.

## Western Regional Cotton Variety Test (Upland Varieties)

### Arizona Agricultural Experiment Station:

Cotton Research Center

Marana Experimental Farm

Safford Branch Station

### Imperial Valley Conservation Research Station

### Nevada Agricultural Experiment Station,

Pahrump Field Laboratory

### New Mexico Agricultural Experiment Station

Southeast Branch Station

### Texas A&M University, Research Station

Phoenix, Ariz.

Marana, Ariz.

Safford, Ariz.

Brawley, Calif.

Pahrump, Nev.

Las Cruces, N. Mex.

Artesia, N. Mex.

El Paso, Tex.



## San Joaquin Valley Continuous Cotton Variety Test (Upland Varieties)

California Agricultural Experiment Station tests at:

Arvin  
Chowchilla  
Coalinga

Corcoran  
Dinuba  
Firebaugh

Kerman  
Tulare  
Wasco

### Narrow-Row Regional Cotton Variety Test

Pee Dee Experiment Station  
West Tennessee Agricultural Experiment Station

Florence, S.C.  
Jackson, Tenn.

### High-Quality Regional Cotton Variety Test

Alabama Agricultural Experiment Station,  
Tennessee Valley Substation

Belle Mina, Ala.

Arkansas Agricultural Experiment Station,  
Southeast Branch

Rohwer, Ark.

Georgia Agricultural Experiment Station

Experiment, Ga.

Georgia Coastal Plain Experiment Station

Tifton, Ga.

Mississippi Agricultural and Forestry

Experiment Station, Delta Branch

Stoneville, Miss.

Missouri Agricultural Experiment Station,

Delta Center

Portageville, Mo.

Northeast Louisiana Experiment Station

St. Joseph, La.

Pee Dee Experiment Station

Florence, S.C.

Texas Agricultural Experiment Station

College Station, Tex.

Upper Coastal Plain Experiment Station

Rocky Mount, N.C.

West Tennessee Agricultural Experiment Station

Jackson, Tenn.

### Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station:

Cotton Research Center

Off-station tests:

Phoenix, Ariz.

Coolidge, Ariz.

Salome, Ariz.

Wenden, Ariz.

Marana Experimental Farm

Marana, Ariz.

Off-station test, Clark farm

Marana, Ariz.

Safford Branch Station

Safford, Ariz.

Offstation tests:

Curtis farm

Safford, Ariz.

Pace farm

Safford, Ariz.

Arizona State University

Tempe, Ariz.

New Mexico Agricultural Experiment Station

Las Cruces, N. Mex.

Texas A&M University:

Research Station

El Paso, Tex.

Off-station test, Maros farm

Fabens, Tex.

Research Station

Pecos, Tex.

## Combed-Yarn Test (Pima Varieties)

American Pima cottons are commonly spun into combed yarns. In addition to the data taken at Knoxville, Tenn., combed-yarn tests of Pima cotton grown at four locations conducting the Pima Regional Cotton Variety Test were made by the Agricultural Marketing Service, U.S. Department of Agriculture, at its Clemson, S.C., laboratory. Yarn tenacity of 11.3- and 7.4-tex (50's and 80's cotton count) yarns, appearance index, imperfections per 50 metres, and waste percentages are reported.

### TEST RESULTS

No interpretation of the test results other than the indication of the significant differences among means based on an analysis of variance is presented. Means followed by the same letter or letters cannot be considered significantly different at the 0.05 level of probability, as determined by Duncan's multiple-range test. A randomized-block design was used for all analyses, although some tests were planted in lattice designs.

The yield reported for each variety is the average derived from the number of replications used. From three to eight replications were planted, depending on the station, and six replications were more commonly used. Boll, seed, fiber, and yarn data are based on two replications of each variety at all stations.

The tables for each regional test are arranged as follows: In the first two tables, average data for the entire region are given by cotton variety and location; the entries in these tables are arranged in order of decreasing lint yield. (For some tests, subregional summaries are also included.) Following these tables average regionwide data for the individual varietal traits measured appear in descending order. Finally, average data for each location in the region are given, each table being arranged by variety in decreasing order of lint yield; the locations appear in order of decreasing maximum variety lint yield.

The column headings and symbols are defined as follows:

Boll size. (a) The weight, in grams, per boll of seed cotton. (b) The number of bolls of seed cotton required to make up 1 pound.

Classer's designation. A description of the quality of cotton in terms of grade and staple according to the official cotton standards of the United States. For grade, classification is based on appearance and is accomplished chiefly through the sense of sight by integration of the three factors of grade--color, leaf, and preparation--in the sample. Classification for staple length involves both sight and touch and is made by pulling out and comparing a typical portion of fibers from a sample with the official staple types.

Colorimeter. These measurements were determined by the Nickerson-Hunter colorimeter (Spinlab model). Hunter's B value is a measure of increasing yellowness of the cotton. RD is the percentage of the reflectance; the higher the value, the lighter the cotton.

Drawing sliver. The fiber length measured on the Servo Fibrograph from samples taken from the second-drawing sliver. The mean is the average length, in inches, of all fibers longer than one-fourth inch. The UHM (upper-half mean) is the



length, in inches, of the half of the fibers, by weight, that contains the longer fibers. Values for UHM approximate classer's staple and also 2.5-percent span length.

Lint percent. The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.

Micronaire. The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) micronaire units.

Seed index. The weight of 100 seeds, in grams.

Span length. Fiber length measured on the Digital Fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen, where the initial starting point of the scanning in the test is considered 100 percent. The 2.5-percent span length is the length, in inches, on the test specimen spanned by 2.5 percent of the fibers scanned at the initial starting point. The 2.5-percent span length approximates classer's staple. The 50-percent span length is the length, in inches, on the test specimen spanned by 50 percent of the fibers scanned at the initial starting point.

Stelometer. T0 is the fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed, expressed in centinewtons (cN) per tex. T1 is the fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by a 1/8-inch spacer, expressed in centinewtons per tex. E1 is the percentage elongation at break of the center one-eighth inch of the fiber bundle measured for T1 strength on the Stelometer.

Tex. The linear density of fibers, filaments, and yarns, expressed as the weight, in grams, of 1,000 metres of fiber or yarn.

Uniformity ratio. The ratio of mean length to upper-half mean (UHM) length, expressed as a percentage.

Yarn tenacity (YT). The strength of 27-tex yarn, expressed as centinewtons (cN) per tex.

Yield. The mean production of the plots harvested, expressed in pounds of lint per acre.

1973 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		YTEN	
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH	50 PCT.		2.5 PCT.
COKER 201	926	A	6.35	72	41.3	10.8	.53	1.14	11.6	
MCNAIR 612	924	A	6.26	73	41.9	10.8	.55	1.16	12.0	
STONEVILLE 603	923	A	6.04	75	38.4	11.2	.52	1.14	11.4	
COKER 312	922	A	5.95	77	41.7	10.8	.54	1.21	12.1	
COKER 310	918	A	6.19	73	41.3	10.8	.54	1.21	11.9	
DELTAPINE 25	913	A	6.08	75	41.8	10.9	.53	1.14	11.7	
STONEVILLE 213	913	A	6.09	75	40.1	11.1	.52	1.12	11.0	
DELTAPINE 652-679	898	A	5.96	76	41.9	10.4	.52	1.14	11.5	
DELTAPINE 5916-65	881	A	6.13	74	40.4	10.7	.54	1.15	11.4	
DIXIE KING 3	877	A	6.77	67	40.0	11.4	.51	1.10	11.9	
DELTAPINE 16	859	AB	6.12	76	40.0	11.0	.53	1.15	11.6	
DELCOT 277	827	AB	6.92	66	39.0	11.9	.54	1.19	12.5	
MCNAIR 511	773	BC	5.58	82	38.8	11.0	.53	1.12	11.9	
LOCKETT 4789A	706	C	6.48	70	37.9	12.0	.52	1.12	11.7	
ACALA 1517-70	579	D	6.18	74	37.2	11.8	.54	1.16	14.4	

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
COKER 201	4.68	1.18	0.98	38.6	18.5	7.0	75	8.2	83
MCNAIR 612	4.86	1.20	1.00	39.4	19.2	6.6	75	8.3	83
STONEVILLE 603	4.65	1.17	0.97	37.5	18.3	8.5	76	8.1	83
COKER 312	4.77	1.25	1.01	39.3	19.5	7.0	74	8.3	81
COKER 310	4.63	1.25	1.02	39.5	19.5	7.2	74	8.3	82
DELTAPINE 25	5.00	1.19	0.99	38.9	19.1	7.7	75	8.3	83
STONEVILLE 213	5.02	1.16	0.97	37.4	18.1	7.8	74	8.6	83
DELTAPINE 652-679	4.75	1.18	0.97	38.9	18.7	7.8	75	8.3	83
DELTAPINE 5916-65	5.12	1.20	1.02	36.0	18.5	10.0	75	8.2	85
DIXIE KING 3	4.63	1.15	0.96	39.9	18.9	7.0	74	8.2	83
DELTAPINE 16	4.84	1.21	1.01	36.2	18.7	9.6	76	8.1	84
DELCOT 277	4.22	1.22	1.01	38.2	19.7	9.4	74	8.8	83
MCNAIR 511	4.86	1.15	0.96	40.7	19.5	7.2	74	8.3	83
LOCKETT 4789A	4.54	1.16	0.97	39.0	18.7	7.1	75	8.4	84
ACALA 1517-70	4.27	1.21	1.01	48.0	23.0	6.0	75	8.5	83



1973 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN			
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.				
FLORENCE, S.C.	1363	A	6.11	75	37.9	11.1	.55	1.21	12.3			
ROCKY MT., N.C.	1203	B	5.97	76	40.8	10.4	.52	1.12	11.9			
TIFTON, GA.	1020	C	6.15	74	40.5	10.3	.53	1.14	11.7			
EXPERIMENT, GA.	815	D	6.34	72	39.1	11.4	.55	1.17	12.5			
AMES PLANT., TN	796	D	6.89	66	41.2	11.7	.53	1.14	11.6			
JACKSON, TENN.	721	E	6.31	72	36.0	11.4	.55	1.19	12.5			
MILAN, TN	707	E	6.35	72	40.3	11.5	.54	1.17	12.8			
AUBURN, ALA.	698	E	5.58	82	43.3	10.1	.49	1.07	10.5			
CROSSVILLE, ALA.	380	F	6.18	75	42.1	11.9	.53	1.13	11.2			

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
FLORENCE, S.C.	4.44	1.24	1.02	37.4	18.8	8.5	78	9.1	82
ROCKY MT., N.C.	4.51	1.18	0.98	39.7	19.2	7.5	77	8.2	83
TIFTON, GA.	4.62	1.20	1.02	37.9	18.8	7.8	75	8.4	85
EXPERIMENT, GA.	4.70	1.22	1.05	39.1	19.5	8.3	76	9.4	86
AMES PLANT., TN	5.12	1.16	0.96	38.3	18.7	7.6	73	8.3	83
JACKSON, TENN.	4.20	1.24	1.00	40.3	20.0	7.3	75	8.9	81
MILAN, TN	4.75	1.24	1.04	41.5	20.9	7.3	75	7.9	84
AUBURN, ALA.	5.16	1.07	0.87	39.6	18.6	7.4	72	7.1	81
CROSSVILLE, ALA.	4.98	1.18	0.97	38.7	18.4	7.9	73	7.5	82

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL			BOLL SIZE, NO. PER LB.		
DELCOT 277	6.92	A	MCNAIR 511	82	A
DIXIE KING 3	6.77	A	COKER 312	77	B
LOCKETT 4789A	6.48	B	DELTAPINE 652-679	76	BC
COKER 201	6.35	BC	DELTAPINE 16	76	BC
MCNAIR 612	6.26	BCD	STONEVILLE 603	75	BC
COKER 310	6.19	BCD	STONEVILLE 213	75	BC
ACALA 1517-70	6.18	BCD	DELTAPINE 25	75	BC
DELTAPINE 5916-65	6.13	CD	DELTAPINE 5916-65	74	BCD
DELTAPINE 16	6.12	CD	ACALA 1517-70	74	BCD
STONEVILLE 213	6.09	CD	COKER 310	73	BCD
DELTAPINE 25	6.08	CD	MCNAIR 612	73	BCD
STONEVILLE 603	6.04	CD	COKER 201	72	CD
DELTAPINE 652-679	5.96	D	LOCKETT 4789A	70	DE
COKER 312	5.95	D	DIXIE KING 3	67	F
MCNAIR 511	5.58	E	DELCOT 277	66	F

1973 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

-----  
LINT PCT.  
-----

DELTAPINE 652-679	41.9	A
MCNAIR 612	41.9	A
DELTAPINE 25	41.8	A
COKER 312	41.7	A
COKER 201	41.3	A
COKER 310	41.3	A
DELTAPINE 5916-65	40.4	B
STONEVILLE 213	40.1	B
DELTAPINE 16	40.0	B
DIXIE KING 3	40.0	B
DELCOT 277	39.0	C
MCNAIR 511	38.8	C
STONEVILLE 603	38.4	CD
LOCKETT 4789A	37.9	D
ACALA 1517-70	37.2	E

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SEED INDEX  
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LOCKETT 4789A	12.0	A
DELCOT 277	11.9	A
ACALA 1517-70	11.8	A
DIXIE KING 3	11.4	B
STONEVILLE 603	11.2	BC
STONEVILLE 213	11.1	BCD
MCNAIR 511	11.0	CD
DELTAPINE 16	11.0	CD
DELTAPINE 25	10.9	CD
COKER 312	10.8	D
MCNAIR 612	10.8	D
COKER 201	10.8	D
COKER 310	10.8	D
DELTAPINE 5916-65	10.7	DE
DELTAPINE 652-679	10.4	E

-----  
SPAN LENGTH, 50 PCT.  
-----

MCNAIR 612	0.55	A
COKER 312	0.54	AB
ACALA 1517-70	0.54	AB
DELTAPINE 5916-65	0.54	AB
DELCOT 277	0.54	AB
COKER 310	0.54	AB
COKER 201	0.53	BC
DELTAPINE 25	0.53	BC
DELTAPINE 16	0.53	BC
MCNAIR 511	0.53	BC
LOCKETT 4789A	0.52	CD
STONEVILLE 213	0.52	CD
STONEVILLE 603	0.52	CD
DELTAPINE 652-679	0.52	CD
DIXIE KING 3	0.51	D

-----  
SPAN LENGTH, 2.5 PCT.  
-----

COKER 312	1.21	A
COKER 310	1.21	A
DELCOT 277	1.19	B
ACALA 1517-70	1.16	C
MCNAIR 612	1.16	C
DELTAPINE 5916-65	1.15	C
DELTAPINE 16	1.15	C
DELTAPINE 25	1.14	CD
DELTAPINE 652-679	1.14	CD
STONEVILLE 603	1.14	CD
COKER 201	1.14	CD
LOCKETT 4789A	1.12	D
MCNAIR 511	1.12	D
STONEVILLE 213	1.12	D
DIXIE KING 3	1.10	E

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YARN TENACITY  
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ACALA 1517-70	14.4	A
DELCOT 277	12.5	B
COKER 312	12.1	C
MCNAIR 612	12.0	CD
MCNAIR 511	11.9	CDE
DIXIE KING 3	11.9	CDE
COKER 310	11.9	CDE
DELTAPINE 25	11.7	CDEF
LOCKETT 4789A	11.7	CDEF
COKER 201	11.6	DEF
DELTAPINE 16	11.6	DEF
DELTAPINE 652-679	11.5	EF
STONEVILLE 603	11.4	F
DELTAPINE 5916-65	11.4	F
STONEVILLE 213	11.0	G



1973 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

MICRONAIRE			STELOMETER - T0		
DELTAPINE 5916-65	5.12	A	ACALA 1517-70	48.0	A
STONEVILLE 213	5.02	AB	MCNAIR 511	40.7	B
DELTAPINE 25	5.00	ABC	DIXIE KING 3	39.9	BC
MCNAIR 612	4.86	BCD	COKER 310	39.5	CD
MCNAIR 511	4.86	BCD	MCNAIR 612	39.4	CD
DELTAPINE 16	4.84	CDE	COKER 312	39.3	CD
COKER 312	4.77	DEF	LOCKETT 4789A	39.0	CDE
DELTAPINE 652-679	4.75	DEF	DELTAPINE 25	38.9	CDE
COKER 201	4.68	EFG	DELTAPINE 652-679	38.9	CDE
STONEVILLE 603	4.65	FG	COKER 201	38.6	DE
COKER 310	4.63	FG	DELCOT 277	38.2	FF
DIXIE KING 3	4.63	FG	STONEVILLE 603	37.5	F
LOCKETT 4789A	4.54	G	STONEVILLE 213	37.4	F
ACALA 1517-70	4.27	H	DELTAPINE 16	36.2	G
DELCOT 277	4.22	H	DELTAPINE 5916-65	36.0	G
DRAWING SLIVER, UHM			STELOMETER - T1		
COKER 310	1.25	A	ACALA 1517-70	23.0	A
COKER 312	1.25	A	DELCOT 277	19.7	B
DELCOT 277	1.22	B	COKER 310	19.5	BC
DELTAPINE 16	1.21	BC	MCNAIR 511	19.5	BC
ACALA 1517-70	1.21	BC	COKER 312	19.5	BC
MCNAIR 612	1.20	BCD	MCNAIR 612	19.2	BCD
DELTAPINE 5916-65	1.20	BCD	DELTAPINE 25	19.1	CD
DELTAPINE 25	1.19	CDE	DIXIE KING 3	18.9	DE
COKER 201	1.18	DEF	DELTAPINE 652-679	18.7	DEF
DELTAPINE 652-679	1.18	DEF	DELTAPINE 16	18.7	DEF
STONEVILLE 603	1.17	EFG	LOCKETT 4789A	18.7	DEF
LOCKETT 4789A	1.16	FG	DELTAPINE 5916-65	18.5	FFG
STONEVILLE 213	1.16	FG	COKER 201	18.5	EFG
MCNAIR 511	1.15	G	STONEVILLE 603	18.3	FG
DIXIE KING 3	1.15	G	STONEVILLE 213	18.1	G
DRAWING SLIVER, MEAN			STELOMETER - E1		
DELTAPINE 5916-65	1.02	A	DELTAPINE 5916-65	10.0	A
COKER 310	1.02	A	DELTAPINE 16	9.6	B
DELCOT 277	1.01	AB	DELCOT 277	9.4	B
ACALA 1517-70	1.01	AB	STONEVILLE 603	8.5	C
DELTAPINE 16	1.01	AB	STONEVILLE 213	7.8	D
COKER 312	1.01	AB	DELTAPINE 652-679	7.8	D
MCNAIR 612	1.00	AB	DELTAPINE 25	7.7	D
DELTAPINE 25	0.99	ABC	MCNAIR 511	7.2	E
COKER 201	0.98	BC	COKER 310	7.2	E
STONEVILLE 213	0.97	C	LOCKETT 4789A	7.1	E
STONEVILLE 603	0.97	C	COKER 312	7.0	E
LOCKETT 4789A	0.97	C	COKER 201	7.0	E
DELTAPINE 652-679	0.97	C	DIXIE KING 3	7.0	E
DIXIE KING 3	0.96	C	MCNAIR 612	6.6	F
MCNAIR 511	0.96	C	ACALA 1517-70	6.0	G

1973 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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COLORIMETER -RD  
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DELTAPINE 5916-65	76	A
STONEVILLE 603	76	A
DELTAPINE 16	76	A
COKER 201	75	B
LOCKETT 4789A	75	B
DELTAPINE 25	75	B
DELTAPINE 652-679	75	B
MCNAIR 612	75	B
ACALA 1517-70	75	B
DIXIE KING 3	74	C
COKER 310	74	C
MCNAIR 511	74	C
COKER 312	74	C
DELCOT 277	74	C
STONEVILLE 213	74	C

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COLORIMETER -B  
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DELCOT 277	8.8	A
STONEVILLE 213	8.6	AB
ACALA 1517-70	8.5	BC
LOCKETT 4789A	8.4	BCD
DELTAPINE 652-679	8.3	CDE
COKER 310	8.3	CDE
COKER 312	8.3	CDE
MCNAIR 612	8.3	CDE
DELTAPINE 25	8.3	CDE
MCNAIR 511	8.3	CDE
DELTAPINE 5916-65	8.2	DE
DIXIE KING 3	8.2	DE
COKER 201	8.2	DE
DELTAPINE 16	8.1	E
STONEVILLE 603	8.1	E

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UNIFORMITY RATIO  
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DELTAPINE 5916-65	85	A
DELTAPINE 16	84	AB
LOCKETT 4789A	84	AB
MCNAIR 511	83	BC
MCNAIR 612	83	BC
DIXIE KING 3	83	BC
DELCOT 277	83	BC
DELTAPINE 25	83	BC
STONEVILLE 603	83	BC
STONEVILLE 213	83	BC
ACALA 1517-70	83	BC
COKER 201	83	BC
DELTAPINE 652-679	83	BC
COKER 310	82	CD
COKER 312	81	D



1973 EASTERN REGIONAL COTTON VARIETY TEST  
FLORENCE, S.C.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEV	
	• LB. LINT	• PER ACRE	• GRAM	• NO.			• LENGTH	• 50		• 2.5
• PER ACRE	• BOLL	• LB.	• PCT.	• INDEX	• PCT.	• PCT.				
MCNAIR 612	1591	A	6.22	73	40.0	10.8	.57	1.21	12.3	
COKER 312	1576	AB	5.88	78	41.3	10.2	.54	1.27	12.8	
COKER 310	1535	ABC	6.10	75	38.5	10.5	.57	1.27	12.5	
COKER 201	1529	ABCD	6.19	74	38.0	10.7	.57	1.22	11.6	
DELTAPINE 5916-65	1525	ABCD	5.72	79	37.8	10.0	.55	1.21	12.6	
DELTAPINE 25	1480	ABCDE	5.63	81	40.1	10.4	.56	1.20	12.1	
DELTAPINE 652-679	1459	BCDE	5.85	78	40.1	10.0	.53	1.21	12.4	
STONEVILLE 603	1422	CDEF	6.29	73	35.3	11.9	.53	1.21	11.8	
STONEVILLE 213	1413	DEF	6.03	76	38.3	11.2	.55	1.17	11.2	
DELCOT 277	1370	EFG	6.84	67	36.2	12.2	.53	1.24	12.9	
DELTAPINE 16	1313	FG	6.28	73	38.0	10.8	.57	1.24	11.9	
DIXIE KING 3	1269	G	6.74	67	37.6	12.3	.53	1.18	12.1	
MCNAIR 511	1140	H	5.18	88	36.9	11.0	.54	1.17	12.8	
LOCKETT 4789A	1108	H	6.52	70	35.3	13.0	.54	1.15	11.5	
ACALA 1517-70	712	I	6.14	74	34.9	11.9	.54	1.21	14.3	

• DRAWING •		• STELOMETER •			• COLORI-		• UNIF. • • RATIO	
• MICRO-	• SLIVER •	•	•	•	• METER •			
• NAIRE •	• UHM •	• MEAN •	• TO •	• T1 •	• E1 •	• RD •		• B •
•	•	•	•	•	•	•		•
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4.80	1.24	0.98	37.7	18.7	7.0	77	9.2	79
4.57	1.32	1.08	38.4	19.0	7.4	77	9.0	82
4.50	1.33	1.11	37.6	18.1	7.5	78	9.0	83
4.34	1.24	1.05	36.2	17.6	7.6	77	9.1	85
4.51	1.25	1.04	36.1	18.5	11.1	78	8.8	83
4.36	1.22	1.01	37.2	19.0	8.5	78	9.2	83
4.52	1.22	0.98	37.5	19.4	8.9	79	8.9	81
4.48	1.20	0.97	36.2	18.5	9.6	79	8.9	81
4.66	1.19	0.96	35.7	17.8	8.8	77	9.6	82
3.89	1.26	1.02	35.0	18.9	10.1	77	9.6	81
4.31	1.28	1.08	35.3	18.6	10.7	80	8.8	85
4.39	1.20	0.98	38.9	18.9	7.9	78	9.0	82
4.63	1.19	0.97	39.8	19.7	8.5	77	9.3	82
4.56	1.23	1.05	35.0	16.9	7.3	77	9.2	85
4.11	1.25	1.06	44.5	21.6	6.2	77	9.2	85

1973 EASTERN REGIONAL COTTON VARIETY TEST  
TIFTON, GA.

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		YTEN			
	LB.	LINT	GRAM	NO.			LENGTH					
								PER ACRE		PER BOLL	50	2.5
MCNAIR 612	1351	A	6.44	71	41.5	9.8	.53	1.13	11.4			
COKER 201	1221	AB	6.12	74	41.2	9.7	.54	1.13	11.6			
COKER 310	1211	AB	6.24	73	42.1	10.3	.54	1.20	12.1			
DIXIE KING 3	1170	AB	6.73	68	40.0	10.5	.51	1.10	12.0			
DELTAPINE 25	1077	ABC	5.91	77	42.4	10.2	.56	1.15	11.6			
DELTAPINE 652-679	1063	ABC	5.75	79	42.9	9.2	.51	1.12	11.0			
DELTAPINE 16	1050	ABC	6.18	74	40.5	10.2	.54	1.14	11.0			
MCNAIR 511	1045	ABC	5.47	83	38.8	10.2	.51	1.08	11.5			
STONEVILLE 603	1029	ABC	6.03	76	39.0	10.6	.50	1.10	11.1			
STONEVILLE 213	1008	BC	5.95	77	40.5	10.1	.50	1.09	10.8			
DELTAPINE 5916-65	960	BC	6.06	75	41.3	9.8	.54	1.14	11.3			
COKER 312	959	BC	6.03	75	42.4	9.8	.57	1.22	11.9			
DELCO <sup>T</sup> 277	893	BC	7.02	65	39.6	11.0	.54	1.16	12.6			
LOCKETT 4789A	774	CD	6.37	71	38.1	11.7	.53	1.11	11.3			
ACALA 1517-70	491	D	5.93	77	37.1	10.6	.55	1.16	14.4			

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
MCNAIR 612	4.58	1.21	1.04	37.3	18.0	7.1	76	8.4	87
COKER 201	4.30	1.19	1.03	36.1	17.8	7.1	77	8.4	87
COKER 310	4.40	1.24	1.06	38.4	19.1	6.7	74	8.5	86
DIXIE KING 3	4.44	1.17	1.01	38.8	18.9	7.3	75	8.3	87
DELTAPINE 25	4.76	1.20	1.02	38.9	19.0	7.3	77	8.3	85
DELTAPINE 652-679	4.69	1.19	1.02	36.9	18.2	8.1	76	8.2	86
DELTAPINE 16	4.68	1.17	0.97	35.4	18.2	9.4	77	8.0	83
MCNAIR 511	4.71	1.18	1.01	38.1	13.5	7.5	73	7.9	86
STONEVILLE 603	4.64	1.18	0.99	36.6	18.2	8.5	76	8.4	85
STONEVILLE 213	4.95	1.17	1.00	35.7	17.2	7.9	75	9.0	86
DELTAPINE 5916-65	5.19	1.22	1.06	35.6	18.3	10.1	76	7.9	87
COKER 312	4.80	1.25	1.04	38.6	19.6	6.6	75	8.4	84
DELCOT 277	4.54	1.23	1.04	36.9	19.8	9.6	75	9.1	85
LOCKETT 4789A	4.48	1.15	0.98	38.4	18.4	6.9	74	8.3	86
ACALA 1517-70	4.14	1.20	1.01	46.0	22.8	5.8	75	8.6	85



1973 EASTERN REGIONAL COTTON VARIETY TEST  
ROCKY MT., N.C.

VARIETY	• YIELD • LB. LINT • PER ACRE	• BOLL SIZE • GRAM • NO. • PER • PER • BOLL • LB.	• LINT • PCT.	• SEED • INDEX	• SPAN • LENGTH • 50 2.5 • PCT. PCT.	• YTEN
COKER 312	1318 A	5.90	77	42.3	10.2	.54 1.19 12.1
COKER 201	1298 AB	5.89	77	42.0	10.1	.48 1.08 11.5
DELTAPINE 652-679	1296 AB	5.68	80	42.5	9.5	.51 1.12 11.3
COKER 310	1294 AB	6.78	75	42.9	10.3	.52 1.18 11.7
DELTAPINE 25	1292 AB	5.79	79	43.3	10.3	.51 1.10 11.3
DELTAPINE 5916-65	1277 AB	5.89	77	41.5	9.9	.50 1.08 11.0
STONEVILLE 213	1232 ABC	5.72	80	40.3	10.2	.48 1.08 11.3
MCNAIR 612	1220 ABC	5.85	78	42.5	10.1	.54 1.15 12.2
DELTAPINE 16	1212 ABC	6.35	72	40.3	9.8	.50 1.10 11.5
STONEVILLE 603	1202 BC	5.88	77	38.9	10.3	.51 1.11 11.3
DIXIE KING 3	1192 BC	6.41	71	39.9	10.3	.52 1.11 12.5
DELCOT 277	1160 C	6.38	71	39.6	11.5	.55 1.17 12.4
MCNAIR 511	1050 D	5.46	83	39.4	10.6	.52 1.13 11.7
LOCKETT 4789A	1025 D	6.18	74	38.5	11.7	.52 1.10 11.9
ACALA 1517-70	974 D	6.05	75	37.3	11.4	.51 1.12 14.3

• MICRO- • NAIRE	• DRAWING • SLIVER • UHM • MEAN	• STELOMETEP • TO • T1 • E1	• COLORI- • METER • FD • B	• UNIF. • PATIO
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COKER 312	4.40	1.24	1.02	39.0	19.1	7.0	78	8.4	83
COKER 201	4.47	1.16	0.96	39.1	18.6	6.7	77	8.1	83
DELTAPINE 652-679	4.14	1.13	0.91	39.2	18.6	7.5	77	8.1	81
COKER 310	4.64	1.23	1.05	39.6	19.3	7.3	76	8.3	85
DELTAPINE 25	4.99	1.15	0.94	38.6	18.8	7.8	77	8.1	83
DELTAPINE 5916-65	5.00	1.16	0.97	35.9	18.7	9.7	78	8.1	84
STONEVILLE 213	4.76	1.13	0.93	39.5	18.3	7.3	75	8.0	83
MCNAIR 612	4.59	1.19	0.98	41.5	19.9	6.6	77	8.3	82
DELTAPINE 16	4.62	1.20	1.02	35.8	18.0	9.3	78	7.8	85
STONEVILLE 603	4.40	1.15	0.96	38.0	18.0	7.9	77	7.7	83
DIXIE KING 3	4.24	1.17	0.98	41.3	19.1	6.8	77	7.8	84
DELCOT 277	4.11	1.21	1.00	38.3	19.9	9.0	76	8.6	83
MCNAIR 511	4.67	1.15	0.95	41.0	18.7	7.3	78	8.1	83
LOCKETT 4789A	4.58	1.16	1.00	40.7	19.7	6.8	78	8.1	86
ACALA 1517-70	4.08	1.18	1.02	48.0	22.9	5.6	78	8.5	87

1973 EASTERN REGIONAL COTTON VARIETY TEST  
AMES PLANT., TN

VARIETY									
	•	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAM	NO.	LINT	SEED	SPAN		YTEN
	LB. LINT	PER	PER	PER	PCT.	INDEX	LENGTH		
	PER ACRE	BOLL	LB.				50	2.5	
							PCT.	PCT.	
STONEVILLE 603	948 A	6.58	69	39.6	11.8	.52	1.12		11.2
STONEVILLE 213	933 AB	6.67	68	41.6	11.5	.54	1.11		10.0
COKER 312	915 ABC	6.65	69	42.6	11.4	.56	1.22		12.1
DELCOT 277	886 ABCD	7.46	61	39.8	12.6	.55	1.17		12.6
COKER 310	861 BCDE	6.45	71	41.6	11.5	.55	1.21		11.6
DIXIE KING 3	839 CDEF	7.55	60	41.4	11.7	.51	1.08		10.4
DELTAPINE 25	816 DEFG	6.62	69	42.3	11.3	.50	1.11		11.8
DELTAPINE 652-679	794 EFG	6.70	68	42.5	11.2	.49	1.10		11.1
DELTAPINE 5916-65	776 FGH	6.83	67	41.7	11.2	.52	1.13		10.5
COKER 201	768 FGHI	7.00	65	43.3	11.1	.55	1.14		11.1
MCNAIR 612	741 GHI	6.88	66	42.5	11.8	.55	1.16		12.2
DELTAPINE 16	707 HI	7.12	64	40.4	11.8	.53	1.15		10.9
LOCKETT 4789A	691 I	7.35	62	40.0	12.7	.52	1.11		12.0
ACALA 1517-70	687	7.00	65	38.5	12.5	.53	1.15		14.9
MCNAIR 511	578	6.41	71	39.9	11.5	.54	1.09		11.9

	•	•	•	•	•	•	•	•	•
	MICRO-	DRAWING	STELOMETER	COLORI-					
	NAIRE	SLIVER	TO	METER	UNIF.				
	UHM	MEAN	T1	E1	P2	B			
STONEVILLE 603	4.90	1.15	0.94	36.3	18.1	8.8	74	7.9	83
STONEVILLE 213	5.26	1.10	0.91	36.6	17.3	7.5	74	8.9	83
COKER 312	5.14	1.25	1.02	38.6	18.9	6.9	70	7.8	82
DELCOT 277	4.55	1.21	1.02	36.3	18.1	9.3	73	8.8	84
COKER 310	4.99	1.18	0.94	38.0	18.7	7.1	71	8.3	81
DIXIE KING 3	5.02	1.07	0.88	38.5	18.1	7.0	72	8.4	83
DELTAPINE 25	5.38	1.15	0.96	37.4	18.7	7.6	74	8.3	84
DELTAPINE 652-679	5.24	1.14	0.94	39.7	18.3	7.3	71	7.9	82
DELTAPINE 5916-65	5.68	1.17	0.97	34.5	18.1	9.7	75	8.3	83
COKER 201	5.21	1.16	0.96	37.3	18.0	6.8	75	8.3	83
MCNAIR 612	5.34	1.21	1.02	39.5	19.5	6.4	74	7.8	84
DELTAPINE 16	5.39	1.14	0.94	36.1	18.0	9.1	74	8.1	82
LOCKETT 4789A	4.71	1.14	0.94	37.3	18.1	7.3	74	8.5	83
ACALA 1517-70	4.71	1.20	1.01	46.6	22.8	6.0	74	8.3	85
MCNAIR 511	5.20	1.13	0.95	40.7	19.3	7.1	73	8.5	84



1973 EASTERN REGIONAL COTTON VARIETY TEST  
EXPERIMENT, GA.

VARIETY	• YIELD •		• BOLL SIZE •		• LINT •	• SEED •	• SPAN •		• YTEN •		
	• LB. •	• LINT •	• GRAM •	• NO. •			• LENGTH •				
							• PER •	• PER •		• 50 •	• 2.5 •
COKER 201	928	A	6.46	71	40.7	11.3	.56	1.17	12.1		
MCNAIR 612	895	A	6.55	70	41.5	10.7	.57	1.17	12.3		
DIXIE KING 3	881	A	6.93	66	39.3	11.7	.52	1.10	12.4		
DELTAPINE 16	877	A	6.36	72	38.8	11.4	.52	1.15	12.3		
DELTAPINE 25	875	A	6.31	72	39.3	11.5	.54	1.16	12.5		
COKER 312	870	A	6.03	75	41.5	10.8	.56	1.23	12.6		
STONEVILLE 603	862	A	5.84	78	37.8	11.6	.53	1.17	11.9		
COKER 310	851	AB	6.03	75	41.8	10.6	.57	1.22	12.0		
STONEVILLE 213	841	ABC	6.30	72	38.9	11.8	.55	1.15	11.5		
DELTAPINE 652-679	829	ABCD	6.01	76	40.5	10.5	.54	1.17	12.5		
MCNAIR 511	747	BCDE	5.56	82	37.8	10.8	.55	1.14	12.0		
DELTAPINE 5916-65	737	CDE	6.16	74	37.8	11.3	.55	1.15	11.8		
LOCKETT 4789A	727	DE	7.02	65	36.0	12.4	.53	1.13	12.5		
DELCOT 277	711	E	7.37	62	38.0	12.3	.54	1.23	13.1		
ACALA 1517-70	588	F	6.15	74	36.5	12.0	.56	1.18	15.0		

•	•	DRAWING	•	STELOMETER	•	COLORI-	•
•	MICRO-	SLIVER	•	•	•	METER	•
•	NAIPS	UHM • MEAN	•	TO • T1 • E1	•	RD • B	•
•	•	•	•	•	•	•	•

COKER 201	4.63	1.20	1.03	39.6	18.2	7.1	77	9.4	86
MCNAIR 612	4.85	1.22	1.06	37.8	19.4	7.2	77	9.6	87
DIXIE KING 3	4.86	1.18	1.01	39.7	19.3	7.1	76	9.3	86
DELTAPINE 16	4.90	1.24	1.06	36.1	18.8	10.1	77	9.2	86
DELTAPINE 25	4.86	1.24	1.07	39.3	19.5	8.4	76	9.4	86
COKER 312	4.89	1.27	1.09	39.8	19.5	7.5	75	9.6	86
STONEVILLE 603	4.51	1.21	1.05	37.2	18.3	8.9	78	9.3	87
COKER 310	4.73	1.27	1.06	39.6	19.6	7.6	76	9.5	84
STONEVILLE 213	5.07	1.21	1.05	37.4	18.3	8.0	76	9.8	87
DELTAPINE 652-679	4.59	1.23	1.07	38.8	19.1	8.9	76	9.4	88
MCNAIR 511	4.85	1.16	0.99	40.2	19.5	7.4	75	9.0	86
DELTAPINE 5916-65	5.10	1.23	1.08	35.9	19.4	10.9	76	9.2	89
LOCKETT 4789A	4.67	1.18	1.04	39.6	19.1	7.8	77	9.0	89
DELCOT 277	3.96	1.23	1.06	38.4	20.0	10.8	76	9.7	87
ACALA 1517-70	4.05	1.25	1.05	47.3	23.4	6.1	76	9.4	84

1973 EASTERN REGIONAL COTTON VARIETY TEST  
AUBURN, ALA.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN
	. LB. LINT		. GRAM				. LENGTH		
	. PER ACRE		. PER				. 50 2.5		
			. BOLL				. PCT. PCT.		
STONEVILLE 213	854	A	5.51	82	43.9	10.0	.49	1.04	9.5
DELTAPINE 25	817	AB	5.46	84	46.2	10.4	.49	1.05	10.3
DELTAPINE 652-679	808	AB	5.25	87	46.1	9.3	.47	1.04	9.7
STONEVILLE 603	788	ABC	5.35	85	40.7	10.1	.49	1.08	9.9
DELTAPINE 16	776	BC	5.79	79	44.0	9.9	.47	1.04	10.1
DELTAPINE 5916-65	775	BC	5.40	84	44.3	9.7	.47	1.04	10.2
COKER 312	729	CD	5.49	83	43.5	9.8	.48	1.13	10.6
MCNAIR 612	715	CD	5.69	80	44.4	9.8	.50	1.07	10.5
COKER 201	691	D	5.60	81	44.1	10.1	.48	1.07	10.0
MCNAIR 511	680	D	5.14	89	41.8	10.1	.47	1.02	10.2
COKER 310	676	D	5.72	80	43.2	9.9	.51	1.14	10.6
DIXIE KING 3	666	D	5.77	79	43.5	10.9	.47	1.02	10.6
DELCOT 277	585	E	6.24	73	41.2	10.6	.51	1.13	11.5
LOCKETT 4789A	570	E	5.79	78	41.6	10.0	.48	1.01	10.6
ACALA 1517-70	334	F	5.44	84	40.4	10.4	.50	1.09	12.9

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
-----									
	5.54	1.05	0.85	36.6	17.3	7.7	72	7.0	81
	5.70	1.06	0.88	38.9	18.2	7.5	71	6.7	83
	5.15	1.02	0.83	39.3	17.9	7.5	72	7.1	81
	5.06	1.06	0.86	37.9	17.3	7.8	74	7.1	81
	5.30	1.07	0.88	36.3	17.7	9.5	74	7.0	83
	5.57	1.07	0.87	35.8	17.5	9.3	74	6.7	82
	5.19	1.12	0.88	40.2	18.9	6.7	70	7.2	79
	5.14	1.06	0.87	39.4	19.1	6.5	74	7.2	82
	5.11	1.06	0.85	39.7	18.2	6.5	72	6.8	81
	5.45	1.03	0.85	40.2	18.2	6.7	72	6.7	83
	4.63	1.12	0.89	39.7	18.9	6.8	72	6.9	80
	5.26	1.02	0.84	40.4	17.7	7.0	71	6.6	82
	4.48	1.13	0.92	39.5	19.5	8.7	71	7.4	82
	4.95	1.05	0.85	41.1	19.2	6.9	74	7.4	81
	4.89	1.11	0.90	48.8	22.6	6.0	74	7.7	81



1973 EASTERN REGIONAL COTTON VARIETY TEST  
MILAN, TN

VARIETY	• YIELD • LB. LINT • PER ACRE	• BOLL SIZE • GRAM • NO. • PER • PER • BOLL • LB.	• LINT • PCT.	• SEED • INDEX	• SPAN • LENGTH • 5) 2.5 • PCT. PCT.	• Y TEN
STONEVILLE 603	808 A	6.01 75	38.8	11.5	.55 1.18	11.8
STONEVILLE 213	806 A	6.49 70	39.9	11.6	.53 1.15	11.9
COKER 201	771 AB	6.39 71	41.9	11.2	.53 1.16	13.1
DELTAPINE 5916-65	756 ABC	6.65 69	40.1	11.7	.57 1.19	12.3
DELTAPINE 25	729 ABCD	6.49 70	41.3	11.1	.55 1.17	12.4
DELTAPINE 652-679	721 BCD	6.33 72	41.4	11.8	.54 1.17	12.3
DELCOT 277	707 BCDE	7.03 65	39.4	12.1	.52 1.18	12.8
COKER 312	695 BCDE	5.45 84	41.4	11.4	.53 1.20	11.9
COKER 310	675 CDE	6.16 74	41.8	11.2	.51 1.20	12.6
DELTAPINE 16	670 DE	6.53 70	39.6	11.7	.55 1.19	12.4
MCNAIR 612	670 DE	5.91 77	42.3	10.7	.55 1.18	13.3
DIXIE KING 3	668 DE	6.94 66	40.0	11.5	.52 1.12	13.3
LOCKETT 4789A	653 DE	6.50 70	38.9	11.8	.54 1.16	12.8
MCNAIR 511	653 DE	5.50 83	40.2	11.0	.55 1.14	12.6
ACALA 1517-70	627 E	6.86 67	37.8	12.6	.57 1.20	15.6

• MICRO- • NAIRE	• DRAWING • SLIVER • UHM • MEAN	• STELOMETER • TO • T1 • E1	• COLORI- • METER • PD • B	• UNIF. • RATIO
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STONEVILLE 603	4.53	1.22	1.04	39.4	19.4	8.1	76	7.7	85
STONEVILLE 213	5.08	1.21	1.04	38.8	19.9	7.3	76	8.5	86
COKER 201	4.70	1.23	1.03	42.2	21.3	6.9	75	7.8	84
DELTAPINE 5916-65	5.14	1.28	1.12	37.6	19.4	9.6	76	8.0	88
DELTAPINE 25	5.04	1.22	1.01	41.4	20.8	7.0	75	7.8	83
DELTAPINE 652-679	5.04	1.24	1.04	40.7	20.2	7.3	74	7.8	84
DELCOT 277	4.31	1.23	1.02	40.3	21.3	8.3	74	8.5	83
COKER 312	4.64	1.25	1.01	41.3	20.9	6.8	73	7.8	81
COKER 310	4.94	1.29	1.07	42.6	21.6	7.1	73	7.9	83
DELTAPINE 16	5.00	1.27	1.06	36.9	20.1	8.9	76	7.7	84
MCNAIR 612	4.68	1.25	1.08	42.5	20.8	6.0	75	7.6	87
DIXIE KING 3	4.55	1.19	0.99	42.6	20.6	6.3	75	7.9	84
LOCKETT 4789A	4.29	1.21	1.04	40.5	19.7	6.8	76	7.5	86
MCNAIR 511	4.91	1.18	1.00	43.8	21.4	6.6	74	8.1	85
ACALA 1517-70	4.39	1.25	1.04	51.7	25.6	5.8	74	7.9	83

1973 EASTERN REGIONAL COTTON VARIETY TEST  
JACKSON, TENN.

VARIETY	. YIELD		. BOLL SIZE		. LINT		. SEED		. SPAN		. YTFN		
	. LB.	. LINT	. GRAM	. NO.	. PCT.	. INDEX	. LENGTH		. 50	. 2.5			
							. PER	. PER				. PCT.	. PCT.
PER ACRE	BOLL	LB.			PCT.	PCT.							
DELTAPINE 652-679	806	A	6.25	73	37.3	11.0	.56	1.19			12.3		
COKER 312	795	AR	6.20	73	36.9	11.7	.55	1.26			13.4		
DELTAPINE 25	793	AB	6.34	72	37.8	11.2	.55	1.17			12.1		
STONEVILLE 603	792	AB	6.09	74	35.0	11.0	.52	1.14			12.7		
STONEVILLE 213	786	AB	6.16	74	35.1	11.5	.57	1.17			12.0		
DELTAPINE 16	772	AB	6.30	72	35.8	11.5	.52	1.19			12.8		
COKER 310	754	ABC	6.11	74	36.7	11.3	.55	1.26			12.5		
DELTAPINE 5916-65	749	ABC	6.38	71	35.9	11.5	.59	1.24			11.9		
DELCOT 277	747	ABC	6.91	66	36.4	11.3	.54	1.19			12.0		
COKER 201	747	ABC	6.36	71	36.1	11.2	.54	1.16			12.5		
MCNAIR 612	695	BC	6.50	70	37.9	11.3	.56	1.18			12.3		
DIXIE KING 3	694	BC	7.09	64	35.6	11.3	.50	1.11			12.3		
MCNAIR 511	665	C	5.64	80	34.7	11.3	.56	1.17			12.7		
ACALA 1517-70	544	D	6.09	75	33.7	11.9	.53	1.19			14.6		
LOCKETT 4789A	480	D	6.20	73	34.1	11.9	.53	1.14			11.5		

.	DRAWING	.	STELOMETER	.	COLORI-	.
· MICRO-	SLIVER	·	·	·	METER	· UNIF.
· NAIRE	UHM · MEAN	· TO	· T1 · E1	· RD · B	·	· RATIO
·	·	·	·	·	·	·

DELTAPINE 652-679	4.33	1.25	0.99	39.6	19.1	7.4	75	9.1	79
COKEP 312	4.25	1.32	1.03	38.5	21.3	6.6	76	8.4	78
DELTAPINE 25	4.79	1.23	0.99	39.6	19.4	6.9	75	9.1	81
STONEVILLE 603	4.20	1.20	0.99	38.7	18.7	8.0	76	8.5	83
STONEVILLE 213	4.48	1.22	0.97	38.3	19.0	7.5	75	9.1	80
DELTAPINE 16	4.29	1.27	1.08	38.0	20.1	9.4	75	8.7	85
COKEP 310	4.08	1.31	1.04	39.6	20.2	6.9	75	8.8	80
DELTAPINE 5916-65	4.59	1.28	1.06	37.6	19.4	9.4	75	8.8	83
DELCOT 277	3.63	1.24	0.99	41.2	20.5	9.2	74	9.6	80
COKEP 201	4.11	1.23	1.00	39.4	19.3	6.7	74	8.7	82
MCNAIR 612	4.40	1.22	0.97	39.0	19.2	6.3	75	8.9	80
DIXIE KING 3	4.06	1.18	0.95	39.7	19.4	6.2	75	9.0	81
MCNAIR 511	4.24	1.19	0.96	42.1	20.9	6.6	75	9.0	81
ACALA 1517-70	3.64	1.24	1.00	53.1	24.0	5.7	74	8.9	81
LOCKETT 4789A	3.85	1.16	0.92	39.7	18.8	6.7	74	9.0	79



1973 EASTERN REGIONAL COTTON VARIETY TEST  
CROSSVILLE, ALA.

VARIETY								
	•	•	•	•	•	•	•	•
	• YIELD	• BOLL SIZE	•	•	•	•	•	•
	• LB. LINT	• GRAM	• NO.	• LINT	• SEED	•	•	•
	• PER ACRE	• PER	• PER	• PCT.	• INDEX	• 50	• 2.5	•
		• BOLL	• LB.	•	•	• PCT.	• PCT.	•
DIXIE KING 3	515 A	6.79	67	42.5	11.8	.50	1.07	11.5
STONEVILLE 603	457 AB	6.25	73	40.8	12.0	.52	1.11	10.4
COKER 312	445 AB	5.92	77	43.4	11.3	.52	1.15	11.2
MCNAIR 612	434 ABC	6.31	72	43.9	11.7	.54	1.14	11.2
COKER 310	403 BCD	6.80	67	43.3	11.7	.55	1.22	11.3
MCNAIR 511	396 BCD	5.86	78	39.4	12.3	.53	1.12	11.5
COKER 201	384 BCDE	7.10	65	44.2	11.7	.52	1.12	10.3
DELCOT 277	380 BCDE	7.05	65	40.7	13.5	.56	1.20	12.3
DELTAPINE 5916-65	374 BCDE	6.07	75	43.5	11.3	.54	1.13	10.3
DELTAPINE 16	358 CDE	4.20	108	42.8	11.7	.52	1.13	10.8
STONEVILLE 213	340 DE	6.01	76	41.9	11.8	.49	1.08	10.5
DELTAPINE 25	336 DEF	6.12	74	43.2	11.5	.52	1.12	11.2
LOCKETT 4789A	323 DEF	6.42	71	38.9	12.8	.52	1.11	11.3
DELTAPINE 652-679	305 EF	5.83	78	43.9	10.9	.53	1.14	10.9
ACALA 1517-70	255 F	5.97	76	38.8	12.3	.54	1.14	13.0

	•	•	•	•	•	•	•	•
	• MICRO-	• DRAWING	•	•	•	•	•	•
	• NAIRE	• SLIVER	•	•	•	•	•	•
	• UHM	• MEAN	• TO	• T1	• E1	• RD	• B	• UNIF.
	•	•	•	•	•	•	•	• RATIO
DIXIE KING 3	4.80	1.13	0.96	39.2	17.9	7.4	71	7.1
STONEVILLE 603	5.15	1.13	0.92	37.0	18.5	8.4	74	7.5
COKER 312	5.00	1.22	0.95	39.4	18.5	7.1	74	7.6
MCNAIR 612	5.31	1.18	0.98	39.6	18.4	6.0	75	7.2
COKER 310	4.78	1.23	0.95	40.3	19.3	7.4	72	7.1
MCNAIR 511	5.04	1.17	0.96	39.9	18.7	7.3	72	7.5
COKER 201	5.25	1.16	0.93	37.3	17.0	7.2	72	7.0
DELCOT 277	4.48	1.26	1.04	37.5	18.9	9.3	74	7.7
DELTAPINE 5916-65	5.30	1.17	0.98	34.7	17.3	10.3	74	7.6
DELTAPINE 16	5.05	1.22	1.02	35.6	18.7	9.7	74	7.3
STONEVILLE 213	5.33	1.15	0.95	37.8	17.8	7.6	73	7.5
DELTAPINE 25	5.11	1.18	0.99	38.5	18.2	7.6	73	7.7
LOCKETT 4789A	4.73	1.17	0.94	38.3	18.4	7.5	72	8.2
DELTAPINE 652-679	5.04	1.16	0.95	38.7	17.7	7.4	72	7.5
ACALA 1517-70	4.37	1.20	0.97	45.9	20.8	6.8	72	7.8

1973 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		Y TEN	
	LB.	PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH	50 PCT.		2.5 PCT.
STONEVILLE 213	866	A	5.84	78	38.4	11.4	.54	1.17	11.4	
STONEVILLE 7A	836	A	5.94	77	38.6	11.3	.53	1.18	11.4	
STONEVILLE 603	830	A	5.72	80	36.9	12.0	.54	1.17	11.5	
DELCOT 277	821	A	6.59	70	37.9	12.9	.58	1.24	12.8	
DELTAPINE 45A	813	A	5.83	78	38.8	11.8	.55	1.15	12.1	
COKER 312	801	A	5.81	79	39.8	11.4	.57	1.27	12.3	
DELTAPINE 16	797	A	6.14	74	38.3	11.7	.56	1.20	11.7	
COKER 310	797	A	5.80	79	40.2	11.2	.56	1.24	12.2	
DELTAPINE 25	789	A	5.67	81	39.5	11.1	.56	1.18	12.1	
COKER 5110	753	A	6.52	70	37.8	12.0	.57	1.23	12.3	
LOCKETT 4789A	563	B	6.74	68	35.4	13.3	.54	1.15	11.7	
ACALA 1517-70	560	B	6.02	76	36.7	12.7	.55	1.19	14.1	

	DRAWING			STELOMETER			COLORI-		UNIF. RATIO
	MICRO-	SLIVER					METER		
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	
STONEVILLE 213	4.71	1.22	1.02	39.2	19.2	7.2	72	8.2	84
STONEVILLE 7A	4.76	1.22	0.99	42.8	19.5	5.9	73	7.9	81
STONEVILLE 603	4.48	1.20	0.99	40.0	19.6	7.6	72	7.7	83
DELCOT 277	4.03	1.29	1.08	39.7	20.4	8.6	71	8.4	84
DELTAPINE 45A	4.62	1.21	1.03	38.6	19.5	7.5	72	8.0	85
COKER 312	4.59	1.31	1.05	41.6	20.3	6.2	71	8.1	80
DELTAPINE 16	4.71	1.26	1.05	38.0	19.2	8.1	74	7.8	83
COKER 310	4.54	1.29	1.05	41.0	20.1	6.5	72	8.1	81
DELTAPINE 25	4.72	1.24	1.02	41.2	20.0	6.9	73	8.0	83
COKER 5110	4.39	1.28	1.05	40.3	19.8	6.7	72	8.0	82
LOCKETT 4789A	4.49	1.21	1.02	40.0	19.1	6.3	72	8.3	84
ACALA 1517-70	4.28	1.23	1.00	49.6	23.9	5.4	71	8.2	82



1973 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN							
	• LB.	• LINT	• GRAM	• NO.			• LENGTH	•								
										• PER ACRE	• PER	• PEP	• PCT.	• INDEX	• 50	• 2.5
ST JOSEPH, LA.	1017	A	5.60	82	41.1	11.0	.55	1.19	12.2							
ROHWER, ARK.	986	A	5.73	79	39.3	11.8	.55	1.19	12.1							
ST'VILLE, MISS.	883	B	5.95	77	36.3	12.1	.56	1.20	12.9							
TUNICA, MISS.	772	C	6.39	71	37.9	12.3	.59	1.23	12.3							
CL'DALE, ARK.	700	CD	5.75	80	36.2	11.1	.57	1.24	12.6							
PORT'VILLE, MO.	640	D	6.72	68	37.5	12.3	.50	1.15	10.5							
RIDGELY, TN.	384	E	6.24	73	38.9	12.4	.57	1.20	12.3							

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
ST JOSEPH, LA.	4.73	1.24	1.04	41.2	20.2	6.9	75	8.3	83
ROHWER, ARK.	4.67	1.24	1.03	40.8	19.8	6.9	71	7.3	82
ST'VILLE, MISS.	4.49	1.24	1.03	43.3	21.5	6.6	72	7.8	83
TUNICA, MISS.	4.74	1.28	1.06	41.0	20.4	6.6	71	7.8	83
CL'DALE, ARK.	3.94	1.25	1.03	41.2	20.2	6.9	74	8.1	83
PORT'VILLE, MO.	4.17	1.21	0.96	37.3	17.8	7.6	68	8.7	80
RIDGELY, TN.	4.95	1.27	1.07	42.2	20.4	6.9	73	8.4	84

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL			BOLL SIZE, NO. PER LB.		
LOCKETT 4789A	6.74	A	DELTA PINE 25	81	A
DELCOT 277	6.59	A	STONEVILLE 603	80	AB
COKER 5110	6.52	A	COKER 312	79	AB
DELTA PINE 16	6.14	B	COKER 310	79	AB
ACALA 1517-70	6.02	BC	DELTA PINE 45A	78	ABC
STONEVILLE 7A	5.94	BCD	STONEVILLE 213	78	ABC
STONEVILLE 213	5.84	BCD	STONEVILLE 7A	77	ABC
DELTA PINE 45A	5.83	BCD	ACALA 1517-70	76	BC
COKER 312	5.81	BCD	DELTA PINE 16	74	C
COKER 310	5.80	BCD	DELCOT 277	70	D
STONEVILLE 603	5.72	CD	COKER 5110	70	D
DELTA PINE 25	5.67	D	LOCKETT 4789A	68	D

1973 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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LINT PCT.  
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COKER 310	40.2	A
COKER 312	39.8	AB
DELTAPINE 25	39.5	B
DELTAPINE 45A	38.8	C
STONEVILLE 7A	38.6	C
STONEVILLE 213	38.4	CD
DELTAPINE 16	38.3	CD
DELCOT 277	37.9	D
COKER 5110	37.8	D
STONEVILLE 603	36.9	E
ACALA 1517-70	36.7	E
LOCKETT 4789A	35.4	F

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SEED INDEX  
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LOCKETT 4789A	13.3	A
DELCOT 277	12.9	AB
ACALA 1517-70	12.7	B
COKER 5110	12.0	C
STONEVILLE 603	12.0	C
DELTAPINE 45A	11.8	CD
DELTAPINE 16	11.7	CDE
COKER 312	11.4	DEF
STONEVILLE 213	11.4	DEF
STONEVILLE 7A	11.3	EF
COKER 310	11.2	F
DELTAPINE 25	11.1	F

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SPAN LENGTH, 50 PCT.  
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DELCOT 277	0.58	A
COKER 5110	0.57	AB
COKER 312	0.57	AB
COKER 310	0.56	BC
DELTAPINE 25	0.56	BC
DELTAPINE 16	0.56	BC
DELTAPINE 45A	0.55	CD
ACALA 1517-70	0.55	CD
STONEVILLE 603	0.54	DE
LOCKETT 4789A	0.54	DE
STONEVILLE 213	0.54	DE
STONEVILLE 7A	0.53	E

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SPAN LENGTH, 2.5 PCT.  
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COKER 312	1.27	A
DELCOT 277	1.24	B
COKER 310	1.24	B
COKER 5110	1.23	B
DELTAPINE 16	1.20	C
ACALA 1517-70	1.19	CD
DELTAPINE 25	1.18	D
STONEVILLE 7A	1.18	D
STONEVILLE 213	1.17	D
STONEVILLE 603	1.17	D
DELTAPINE 45A	1.15	E
LOCKETT 4789A	1.15	E

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YARN TENACITY  
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ACALA 1517-70	14.1	A
DELCOT 277	12.8	B
COKER 312	12.3	C
COKER 5110	12.3	C
COKER 310	12.2	C
DELTAPINE 25	12.1	C
DELTAPINE 45A	12.1	C
LOCKETT 4789A	11.7	D
DELTAPINE 16	11.7	D
STONEVILLE 603	11.5	D
STONEVILLE 213	11.4	D
STONEVILLE 7A	11.4	D



1973 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

MICRONAIRE			STELOMETER - T0		
STONEVILLE 7A	4.76	A	ACALA 1517-70	49.6	A
DELTAPINE 25	4.72	AB	STONEVILLE 7A	42.8	B
STONEVILLE 213	4.71	AB	COKER 312	41.6	C
DELTAPINE 16	4.71	AB	DELTAPINE 25	41.2	CD
DELTAPINE 45A	4.62	ABC	COKER 310	41.0	CD
COKER 312	4.59	ABC	COKER 5110	40.3	DE
COKER 310	4.54	BCD	STONEVILLE 603	40.0	DE
LOCKETT 4789A	4.49	CD	LOCKETT 4789A	40.0	DE
STONEVILLE 603	4.48	CD	DELCOT 277	39.7	EF
COKER 5110	4.39	DE	STONEVILLE 213	39.2	EF
ACALA 1517-70	4.28	E	DELTAPINE 45A	38.6	FG
DELCOT 277	4.03	F	DELTAPINE 16	38.0	G
DRAWING SLIVER, UHM			STELOMETER - T1		
COKER 312	1.31	A	ACALA 1517-70	23.9	A
DELCOT 277	1.29	B	DELCOT 277	20.4	B
COKER 310	1.29	B	COKER 312	20.3	B
COKER 5110	1.28	B	COKER 310	20.1	BC
DELTAPINE 16	1.26	C	DELTAPINE 25	20.0	BC
DELTAPINE 25	1.24	D	COKER 5110	19.8	BCD
ACALA 1517-70	1.23	DE	STONEVILLE 603	19.6	CDE
STONEVILLE 213	1.22	DEF	DELTAPINE 45A	19.5	CDE
STONEVILLE 7A	1.22	DEF	STONEVILLE 7A	19.5	CDE
DELTAPINE 45A	1.21	FF	DELTAPINE 16	19.2	DE
LOCKETT 4789A	1.21	EF	STONEVILLE 213	19.2	DE
STONEVILLE 603	1.20	F	LOCKETT 4789A	19.1	E
DRAWING SLIVER, MEAN			STELOMETER - E1		
DELCOT 277	1.08	A	DELCOT 277	8.6	A
DELTAPINE 16	1.05	AB	DELTAPINE 16	8.1	B
COKER 5110	1.05	AB	STONEVILLE 603	7.6	C
COKER 312	1.05	AB	DELTAPINE 45A	7.5	C
COKER 310	1.05	AB	STONEVILLE 213	7.2	D
DELTAPINE 45A	1.03	BC	DELTAPINE 25	6.9	E
LOCKETT 4789A	1.02	BCD	COKER 5110	6.7	EF
DELTAPINE 25	1.02	BCD	COKER 310	6.5	FG
STONEVILLE 213	1.02	BCD	LOCKETT 4789A	6.3	GH
ACALA 1517-70	1.00	CD	COKER 312	6.2	H
STONEVILLE 603	0.99	D	STONEVILLE 7A	5.9	I
STONEVILLE 7A	0.99	D	ACALA 1517-70	5.4	J

1973 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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COLORIMETER -RD  
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DELTAPINE 16	74	A
DELTAPINE 25	73	B
STONEVILLE 7A	73	B
COKER 310	72	C
COKER 5110	72	C
DELTAPINE 45A	72	C
STONEVILLE 213	72	C
STONEVILLE 603	72	C
ACALA 1517-70	71	C
COKER 312	71	C
LOCKETT 4789A	71	C
DELCOT 277	71	C

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COLORIMETER -B  
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DELCOT 277	8.4	A
LOCKETT 4789A	8.3	AB
ACALA 1517-70	8.2	ABC
STONEVILLE 213	8.2	ABC
COKER 310	8.1	BCD
COKER 312	8.1	BCD
COKER 5110	8.0	CDE
DELTAPINE 25	8.0	CDE
DELTAPINE 45A	8.0	CDE
STONEVILLE 7A	7.9	DEF
DELTAPINE 16	7.8	EF
STONEVILLE 603	7.7	F

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UNIFORMITY RATIO  
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DELTAPINE 45A	85	A
LOCKETT 4789A	84	AB
STONEVILLE 213	84	AB
DELCOT 277	84	AB
DELTAPINE 25	83	ABC
STONEVILLE 603	83	ABC
DELTAPINE 16	83	ABC
ACALA 1517-70	82	BCD
COKER 5110	82	BCD
COKER 310	81	CD
STONEVILLE 7A	81	CD
COKER 312	80	D



1973 DELTA REGIONAL COTTON VARIETY TEST  
ST JOSEPH, LA.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM . NO. PER . PER BOLL . LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 2.5 PCT. PCT.	YTEN
COKER 310	1195 A	5.75 79	43.4	10.2	.55 1.23	12.1
COKER 312	1168 AB	5.11 89	43.3	10.5	.58 1.26	12.2
STONEVILLE 213	1168 AB	5.42 84	40.8	10.6	.54 1.16	11.6
DELTAPINE 16	1116 ABC	6.12 74	41.8	10.8	.55 1.20	11.5
DELTAPINE 45A	1106 ABCD	5.15 88	41.6	10.9	.55 1.14	11.9
COKER 5110	1098 ABCD	5.83 78	40.3	10.9	.57 1.22	12.2
DELTAPINE 25	1061 BCD	5.10 90	43.0	10.2	.54 1.16	12.1
STONEVILLE 603	1021 CD	4.96 92	39.8	10.9	.53 1.16	11.5
STONEVILLE 7A	986 D	5.58 82	41.3	10.4	.52 1.14	11.6
DELCOT 277	840 E	5.78 79	40.9	12.1	.57 1.21	13.1
LOCKETT 4789A	831 E	6.74 68	38.1	12.4	.56 1.17	11.7
ACALA 1517-70	610 F	5.60 81	39.0	11.8	.54 1.16	14.0

MICRO-NAIRE	DRAWING SLIVER UHM . MEAN	STELOMETER TO T1 . E1	COLORI- METER RD . B	UNIF. RATIO
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COKER 310	4.77	1.27	1.05	40.2	19.6	6.4	74	8.2	83
COKER 312	4.78	1.32	1.06	41.3	20.7	6.2	74	8.3	81
STONEVILLE 213	5.04	1.23	1.05	40.1	19.5	7.3	75	8.7	86
DELTAPINE 16	4.90	1.24	1.02	36.8	18.9	8.3	76	8.2	83
DELTAPINE 45A	4.72	1.21	1.03	38.8	19.3	7.2	75	7.9	86
COKER 5110	4.58	1.30	1.07	42.3	20.2	6.5	74	8.1	82
DELTAPINE 25	4.96	1.23	1.03	41.6	20.0	6.7	75	7.9	84
STONEVILLE 603	4.70	1.20	1.01	40.8	20.2	7.7	77	7.8	84
STONEVILLE 7A	5.08	1.22	1.00	43.9	19.7	5.9	75	8.3	82
DELCOT 277	4.14	1.27	1.07	41.3	21.1	8.3	73	9.0	84
LOCKETT 4789A	4.63	1.22	1.04	38.6	19.3	6.6	74	8.4	85
ACALA 1517-70	4.46	1.20	0.99	48.4	23.7	5.9	74	8.2	82

1973 DELTA REGIONAL COTTON VARIETY TEST  
ROHWER, ARK.

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH 50 PCT.	2.5 PCT.	
STONEVILLE 213	1159	A	5.96	76	40.2	11.1	.52	1.14	11.2
COKER 312	1117	AB	5.66	81	41.3	11.5	.54	1.25	12.2
DELTAPINE 45A	1082	ABC	5.54	82	40.1	11.3	.54	1.14	12.2
STONEVILLE 603	1070	ABC	5.58	81	37.9	12.3	.54	1.17	11.3
STONEVILLE 7A	1059	ABCD	5.57	82	40.3	11.1	.53	1.17	11.0
COKER 310	1049	ABCD	5.54	82	41.1	11.3	.56	1.23	12.0
COKER 5110	1044	ABCD	5.85	78	38.4	11.7	.57	1.22	12.6
DELTAPINE 25	974	BCD	5.68	80	40.0	10.7	.53	1.15	12.0
DELTAPINE 16	922	CDE	5.68	80	38.8	11.3	.56	1.20	11.4
DELCOT 277	880	DEF	5.80	79	39.0	12.4	.58	1.25	12.9
LOCKETT 4789A	769	EF	6.14	74	36.9	13.4	.54	1.14	11.8
ACALA 1517-70	712	F	5.75	79	37.5	12.9	.57	1.20	14.9

•	•	DRAWING	•	•	STELOMETER	•	COLORI-	•
•	MICRO-	SLIVER	•	•	•	•	METER	•
•	NAIRE	UHM • MEAN	•	TO	• T1	• E1	• RD • B	• UNIF.
•	•	•	•	•	•	•	•	• RATIO

STONEVILLE 213	4.80	1.19	0.97	38.8	18.6	7.0	71	7.3	82
COKER 312	4.78	1.28	0.97	40.9	20.0	6.2	71	7.2	76
DELTAPINE 45A	4.61	1.21	1.04	38.9	19.2	7.4	72	7.6	86
STONEVILLE 603	4.66	1.20	1.02	39.5	19.3	7.8	71	6.6	86
STONEVILLE 7A	5.05	1.19	0.96	41.7	18.5	6.0	71	7.0	81
COKER 310	4.74	1.30	1.05	40.4	19.8	6.3	71	7.1	81
COKER 5110	4.26	1.29	1.05	38.9	19.8	6.8	71	7.1	81
DELTAPINE 25	5.14	1.22	1.02	42.0	19.9	7.1	72	7.6	83
DELTAPINE 16	4.74	1.26	1.07	38.0	18.9	8.2	73	6.7	85
DELCOT 277	4.11	1.30	1.10	39.5	20.4	8.6	70	7.3	84
LOCKETT 4789A	4.68	1.21	1.01	40.9	19.5	6.2	73	7.5	84
ACALA 1517-70	4.46	1.23	1.03	49.7	23.8	5.1	72	7.6	84



1973 DELTA REGIONAL COTTON VARIETY TEST  
ST'VILLE, MISS.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN				
	• LB.	• LINT	• GRAM	• NO.			• LENGTH	•					
										• PER	• PER	• 50	• 2.5
DELTAPINE 25	981	A	5.56	82	38.4	11.0	.56	1.18	13.2				
STONEVILLE 213	967	AB	5.63	81	36.3	11.5	.57	1.18	12.7				
DELTAPINE 16	949	AB	6.13	74	36.9	11.9	.57	1.18	12.9				
COKER 310	949	AB	5.88	78	38.6	11.7	.56	1.23	12.8				
STONEVILLE 7A	945	AB	5.71	80	36.8	11.1	.53	1.19	12.0				
COKER 312	939	AB	5.80	78	37.0	11.7	.59	1.26	13.1				
DELTAPINE 45A	923	ABC	5.97	76	37.1	12.4	.56	1.16	12.8				
STONEVILLE 603	921	ABC	5.34	85	35.3	12.0	.53	1.15	12.1				
DELCOT 277	880	BC	6.75	68	35.9	13.1	.57	1.20	13.1				
COKER 5110	834	C	6.31	72	35.5	12.1	.56	1.25	13.3				
ACALA 1517-70	664	D	5.49	83	34.5	12.7	.54	1.17	14.6				
LOCKETT 4789A	645	D	6.75	67	33.4	13.5	.55	1.16	12.4				

	•	•	•	•	•	•	•	•	•
	MICRO-	DRAWING		STELOMETER		COLORI-			
	NAIRE	SLIVER				METER		UNIF.	
	•	UHM • MEAN	•	TO • T1 • E1	•	RD • B	•	RATIO	
	•	•	•	•	•	•	•	•	
DELTAPINE 25	4.61	1.23	1.03	45.3	22.3	6.6	73	7.5	84
STONEVILLE 213	4.49	1.24	1.05	42.1	21.2	7.2	74	8.2	85
DELTAPINE 16	4.69	1.24	1.03	40.3	21.4	7.9	74	7.4	84
COKER 310	4.74	1.26	1.01	41.7	21.1	5.8	71	7.8	80
STONEVILLE 7A	4.64	1.24	1.02	46.8	22.2	5.5	73	8.0	82
COKER 312	4.57	1.29	1.04	42.3	21.3	5.8	72	8.0	81
DELTAPINE 45A	4.73	1.21	1.05	42.2	21.6	7.5	72	7.6	87
STONEVILLE 603	4.39	1.20	1.00	42.2	19.9	6.9	72	7.6	84
DELCOT 277	4.11	1.26	1.08	42.2	22.3	8.6	71	8.3	86
COKER 5110	4.24	1.26	1.00	42.5	20.9	6.4	72	7.6	80
ACALA 1517-70	4.23	1.20	0.97	50.3	24.1	4.8	72	8.0	81
LOCKETT 4789A	4.46	1.21	1.02	41.5	20.0	5.7	71	7.9	84

1973 DELTA REGIONAL COTTON VARIETY TEST  
CL'DALE, ARK.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. Y TEN
	. LB. LINT		. GRAM . NO.				. LENGTH		
	. PER ACRE		. PER . PER				. 50 2.5		
			. BOLL . LB.				. PCT. PCT.		
DELCOT 277	942	A	6.76	67	35.6	12.8	.61	1.33	13.3
ACALA 1517-70	858	A	6.20	73	35.3	11.8	.59	1.24	14.4
DELTAPINE 25	808	AB	5.11	89	37.9	10.4	.57	1.21	12.6
DELTAPINE 45A	798	ABC	5.49	83	36.8	10.8	.55	1.19	12.8
STONEVILLE 603	749	ABCD	5.21	87	35.1	10.9	.55	1.18	12.1
DELTAPINE 16	740	ABCD	5.72	79	35.9	11.1	.58	1.23	12.3
STONEVILLE 7A	629	BCDE	5.44	84	36.9	10.7	.52	1.21	11.4
COKER 5110	604	CDE	6.90	67	35.8	11.3	.60	1.25	12.4
COKER 310	601	CDE	5.25	87	37.8	10.5	.55	1.25	12.8
COKER 312	591	DE	5.50	84	37.7	10.4	.58	1.30	12.9
STONEVILLE 213	556	DE	5.24	87	36.3	10.2	.54	1.23	11.8
LOCKETT 4789A	521	E	6.12	75	33.4	11.7	.54	1.17	12.1

.	DRAWING	.	STELDMETER	.	COLORI-	.
. MICRO-	SLIVER	.	.	.	. METER	. UNIF.
. NAIRE	. UHM . MEAN	. TO	. T1	. E1	. RD . B	. RATIO
.	.	.	.	.	.	.

DELCOT 277	3.57	1.31	1.09	39.7	20.5	8.5	74	8.5	83
ACALA 1517-70	3.89	1.27	1.02	50.4	23.8	5.5	73	8.1	81
DELTAPINE 25	4.14	1.24	1.01	40.2	20.2	6.7	76	8.2	82
DELTAPINE 45A	4.03	1.23	1.05	37.6	19.8	7.5	75	7.8	86
STONEVILLE 603	4.02	1.18	0.97	40.6	20.0	7.3	74	7.6	82
DELTAPINE 16	4.28	1.26	1.06	39.2	19.4	7.7	76	7.9	85
STONEVILLE 7A	3.84	1.21	0.96	41.9	18.8	5.9	75	8.1	79
COKER 5110	4.04	1.25	1.07	40.8	19.6	6.6	74	7.8	86
COKER 310	3.84	1.28	1.05	42.2	20.8	7.2	74	8.2	82
COKER 312	3.79	1.30	1.04	42.5	20.7	6.3	74	8.0	80
STONEVILLE 213	3.85	1.23	1.02	38.7	19.0	7.4	75	8.0	83
LOCKETT 4789A	3.95	1.19	1.00	40.8	19.2	6.3	74	8.1	84



1973 DELTA REGIONAL COTTON VARIETY TEST  
TUNICA, MISS.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN						
	• LB.	• LINT	• GRAM	• NO.			• LENGTH	•							
										• PER	• PER	• PCT.	• INDEX	• 50	• 2.5
STONEVILLE 7A	895	A	6.13	74	38.5	12.3	.57	1.22	11.1						
STONEVILLE 213	887	A	6.21	73	38.3	12.2	.59	1.21	11.2						
STONEVILLE 603	887	A	6.42	71	36.8	13.4	.56	1.20	11.5						
DELCOT 277	875	A	6.97	66	37.6	13.8	.59	1.27	13.3						
DELTAPINE 45A	806	AB	6.27	72	38.7	12.3	.55	1.15	12.0						
COKER 312	799	AB	6.29	72	39.5	12.5	.61	1.31	12.6						
DELTAPINE 16	783	AB	6.27	73	37.4	12.5	.60	1.25	11.8						
COKER 310	756	B	5.50	83	40.4	11.0	.59	1.27	12.3						
DELTAPINE 25	740	B	6.01	76	39.4	12.0	.59	1.22	11.7						
COKER 5110	695	B	6.92	66	36.6	13.0	.60	1.27	12.3						
ACALA 1517-70	588	C	6.57	69	36.1	14.1	.60	1.22	15.0						
LOCKETT 4789A	548	C	7.03	65	35.7	14.2	.57	1.17	12.5						

•	•	DRAWING	•	•	STELOMETER	•	COLORI-	•
•	MICRO-	SLIVER	•	•	•	•	METER	•
•	NAIRE	UHM • MEAN	•	TO	• T1	• EI	• RD • B	• UNIF.
•	•	•	•	•	•	•	•	• RATIO

STONEVILLE 7A	5.15	1.24	0.97	42.2	19.4	5.5	73	7.5	79
STONEVILLE 213	5.16	1.25	1.06	39.4	19.3	6.8	71	7.4	85
STONEVILLE 603	4.86	1.23	1.00	39.6	19.5	6.9	72	7.5	81
DELCOT 277	4.27	1.32	1.12	38.8	20.9	8.5	71	8.0	85
DELTAPINE 45A	5.06	1.21	1.01	39.5	20.2	6.8	72	7.6	84
COKER 312	4.88	1.36	1.14	41.5	20.3	6.1	70	7.9	84
DELTAPINE 16	4.75	1.29	1.08	38.3	19.8	7.9	73	7.4	84
COKER 310	4.47	1.32	1.06	40.2	20.2	6.4	71	8.3	81
DELTAPINE 25	4.82	1.26	1.05	40.5	19.7	6.6	72	7.7	83
COKER 5110	4.50	1.32	1.09	39.1	19.6	6.4	70	8.0	83
ACALA 1517-70	4.30	1.25	1.04	52.5	26.0	5.2	71	7.9	83
LOCKETT 4789A	4.59	1.22	1.05	40.3	19.6	6.0	72	8.0	86

1973 DELTA REGIONAL COTTON VARIETY TEST  
PORTVILLE, MO.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN				
	. LB.	. LINT	. GRAM	. NO.			. LENGTH						
							. PER	. PER		. PCT.	. INDEX	. 50	2.5
	. PER ACRE		. BOLL	. LB.									
STONEVILLE 213	889	A	6.60	69	37.5	12.4	.48	1.12	9.8				
STONEVILLE 7A	850	AB	6.90	66	37.2	11.8	.49	1.14	10.3				
DELCOT 277	773	BC	7.00	65	38.3	12.4	.52	1.19	11.0				
DELTAPINE 16	730	CD	6.75	68	38.1	11.8	.50	1.15	10.3				
STONEVILLE 603	688	CDE	6.55	70	36.1	12.0	.49	1.12	10.3				
DELTAPINE 25	627	DE	6.25	73	38.2	11.4	.50	1.14	10.4				
COKER 310	622	DE	6.35	72	39.5	12.0	.50	1.21	10.8				
COKER 312	618	DE	6.65	69	39.0	12.0	.51	1.20	10.9				
DELTAPINE 45A	597	E	6.35	72	38.6	12.0	.50	1.10	10.5				
COKER 5110	583	E	7.05	65	38.0	12.4	.51	1.19	10.4				
LOCKETT 4789A	423	F	7.50	61	33.6	13.6	.47	1.10	9.3				
ACALA 1517-70	284	G	6.65	69	36.1	13.6	.50	1.17	11.9				

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•	•	DRAWING		•	STELOMETER			•	COLORI-	•
•	MICRO-	SLIVER		•	•	•	•	•	METER	•
•	NAIRE	•	UHM • MEAN	•	TO	•	T1 • E1	•	RD • B	•
•	•	•	•	•	•	•	•	•	•	•
-----										

STONEVILLE 213	4.39	1.16	0.92	35.1	17.3	7.7	69	8.8	79
STONEVILLE 7A	4.24	1.18	0.94	38.8	17.5	6.5	70	8.2	80
DELCOT 277	3.74	1.25	1.02	37.1	17.8	9.2	69	8.5	82
DELTAPINE 16	4.36	1.23	0.99	34.6	16.9	8.7	70	8.4	81
STONEVILLE 603	4.01	1.16	0.92	35.8	17.7	8.3	68	8.3	79
DELTAPINE 25	4.07	1.17	0.90	36.8	17.6	7.6	69	9.0	77
COKER 310	4.30	1.26	1.02	38.3	18.1	7.2	68	8.7	81
COKER 312	4.30	1.27	1.03	38.3	18.2	6.8	68	8.9	81
DELTAPINE 45A	4.17	1.16	0.95	34.4	17.0	8.5	68	8.9	83
COKER 5110	4.11	1.23	0.96	36.5	17.8	7.2	68	9.0	78
LOCKETT 4789A	4.19	1.17	0.91	35.8	16.2	6.9	65	9.1	78
ACALA 1517-70	4.19	1.22	0.96	45.4	21.6	6.0	54	8.8	79

1973 DELTA REGIONAL COTTON VARIETY TEST  
RIDGELY, TN.

VARIETY	• YIELD		• BOLL SIZE		• LINT PCT.	• SEED INDEX	• SPAN		• YTEN
	• LB.	• LINT PER ACRE	• GRAM PER BOLL	• NO. PER LB.			• LENGTH		
							• 50	• 2.5	
DELCOT 277	555	A	7.09	65	38.0	13.3	.57	1.22	12.8
STONEVILLE 7A	485	AB	6.25	73	38.9	11.7	.56	1.17	11.9
STONEVILLE 603	472	B	5.95	76	37.4	12.5	.56	1.17	11.8
STONEVILLE 213	436	BC	5.82	78	39.3	11.9	.54	1.14	11.1
COKER 5110	413	BCD	6.77	67	39.8	12.3	.58	1.22	12.6
COKER 310	407	RCD	6.33	72	40.6	11.6	.59	1.25	12.4
DELTAPINE 45A	379	CD	6.01	76	38.5	12.8	.57	1.18	12.1
COKER 312	378	CD	5.68	81	40.8	11.3	.58	1.27	12.0
DELTAPINE 16	341	D	6.27	73	39.1	12.3	.57	1.19	11.6
DELTAPINE 25	331	D	5.97	76	39.6	12.2	.58	1.21	12.8
LOCKETT 4789A	207	E	6.86	67	36.6	14.1	.55	1.15	12.0
ACALA 1517-70	205	E	5.83	78	37.9	12.7	.52	1.16	13.9

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•	DRAWING		STELOMETER		COLORI-		•		
•	MICRO-	SLIVER	•	•	METER		•	UNIF.	
•	NAIRE	UHM • MEAN	• TO	• T1	• E1	• RD • B	•	RATIO	
•	•	•	•	•	•	•	•		

DELCOT 277	4.27	1.31	1.11	39.4	19.8	8.3	72	8.7	85
STONEVILLE 7A	5.33	1.28	1.06	43.9	20.4	5.8	74	8.4	83
STONEVILLE 603	4.70	1.23	1.02	40.9	20.8	8.2	74	8.0	84
STONEVILLE 213	5.22	1.22	1.04	40.0	19.2	7.2	74	8.7	85
COKER 5110	4.96	1.29	1.07	42.1	20.4	6.7	74	8.0	83
COKER 310	4.94	1.33	1.09	44.0	20.8	6.1	73	7.9	82
DELTAPINE 45A	5.04	1.25	1.09	38.6	19.0	7.4	74	8.5	87
COKER 312	4.99	1.33	1.05	44.1	20.9	6.0	72	8.5	79
DELTAPINE 16	5.25	1.28	1.08	38.4	19.2	8.0	74	8.1	85
DELTAPINE 25	5.30	1.28	1.11	42.1	20.0	6.7	74	8.2	87
LOCKETT 4789A	4.89	1.24	1.09	42.1	19.8	6.3	74	8.7	88
ACALA 1517-70	4.45	1.23	1.01	49.9	24.1	5.3	73	8.4	83



1973 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN	
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. LB.			LENGTH	50 PCT.		2.5 PCT.
DELTAPINE 16	685	A	5.49	84	37.6	11.1	.54	1.17	11.6	
TAMCOT SP-37	640	AB	5.73	79	36.8	11.7	.52	1.13	11.3	
STONEVILLE 7A	639	AB	5.27	87	37.0	11.3	.55	1.18	11.8	
STONEVILLE 213	638	AB	5.36	85	36.9	11.3	.55	1.17	11.8	
CCKER 310	633	AB	5.21	88	38.1	10.9	.55	1.23	11.9	
TPSA 110	530	ABC	5.81	79	36.0	12.4	.53	1.18	11.6	
LOCKETT 4789A	481	BC	5.87	78	34.5	12.7	.54	1.14	11.9	
ACALA 1517-70	393	C	5.56	83	34.8	12.0	.57	1.21	14.6	

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER		UNIF.
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
DELTAPINE 16	4.69	1.24	1.04	37.8	19.2	8.2	73	7.0	84
TAMCOT SP-37	4.11	1.18	0.98	36.6	18.0	6.9	73	6.7	83
STONEVILLE 7A	4.76	1.22	1.00	42.1	19.4	5.6	73	7.2	82
STONEVILLE 213	4.91	1.23	1.06	38.8	19.2	6.7	72	7.7	86
CCKER 310	4.70	1.28	1.05	40.4	19.1	6.4	71	7.7	82
TPSA 110	4.54	1.21	1.00	40.9	18.9	5.6	72	7.8	82
LOCKETT 4789A	4.52	1.19	1.02	39.3	19.3	6.5	72	7.7	86
ACALA 1517-70	4.12	1.24	1.02	48.7	24.1	5.6	71	7.3	83

LOCATIONS COMBINING VARIETIES<sup>1</sup>

LOCATION	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. LB.			LENGTH		
							50	2.5	
							PCT.	PCT.	
BOSSIER C., LA.	774	A	5.62	81	40.1	11.4	.55	1.19	11.9
COL. STA., TEX.	761	A	5.55	83	33.9	12.2	.57	1.24	13.1
N'CES CT., TEX.	435	B	5.00	92	36.1	10.9	.50	1.11	11.2
WESLACO, TEX.	349	B	5.99	76	35.6	12.2	---	---	---

LOCATION	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			COLORI-METER		UNIF. RATIO
		UHM	MEAN	TO	T1	E1	RD	B	
BOSSIER C., LA.	4.79	1.24	1.04	39.2	19.2	6.5	74	7.9	84
COL. STA., TEX.	4.13	1.29	1.08	42.0	20.6	6.5	72	7.3	84
N'CES CT., TEX.	4.71	1.15	0.95	40.5	19.1	6.4	69	7.1	83
WESLACO, TEX.	---	---	---	---	---	---	---	---	---

<sup>1</sup>No fiber data are available for Weslaco, Tex.

1973 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL

LOCKETT 4789A	5.87	A
TPSA 110	5.81	AB
TAMCOT SP-37	5.73	ABC
ACALA 1517-70	5.56	ABC
DELTAPINE 16	5.49	ABC
STONEVILLE 213	5.36	ABC
STONEVILLE 7A	5.27	BC
COKER 310	5.21	C

BOLL SIZE, NO. PER LB.

COKER 310	88	A
STONEVILLE 7A	87	AB
STONEVILLE 213	85	ABC
DELTAPINE 16	84	ABC
ACALA 1517-70	83	ABC
TAMCOT SP-37	79	BC
TPSA 110	79	BC
LOCKETT 4789A	78	C

LINT PCT.

COKER 310	38.1	A
DELTAPINE 16	37.6	AB
STONEVILLE 7A	37.0	ABC
STONEVILLE 213	36.9	ABC
TAMCOT SP-37	36.8	BC
TPSA 110	36.0	C
ACALA 1517-70	34.8	D
LOCKETT 4789A	34.5	D

SEED INDEX

LOCKETT 4789A	12.7	A
TPSA 110	12.4	AB
ACALA 1517-70	12.0	BC
TAMCOT SP-37	11.7	CD
STONEVILLE 7A	11.3	DE
STONEVILLE 213	11.3	DE
DELTAPINE 16	11.1	DE
COKER 310	10.9	E

SPAN LENGTH, 50 PCT.

ACALA 1517-70	0.57	A
STONEVILLE 213	0.55	AB
COKER 310	0.55	AB
STONEVILLE 7A	0.55	AB
LOCKETT 4789A	0.54	B
DELTAPINE 16	0.54	B
TPSA 110	0.53	B
TAMCOT SP-37	0.52	B

SPAN LENGTH, 2.5 PCT.

COKER 310	1.23	A
ACALA 1517-70	1.21	AB
STONEVILLE 7A	1.18	BC
TPSA 110	1.18	BC
DELTAPINE 16	1.17	CD
STONEVILLE 213	1.17	CD
LOCKETT 4789A	1.14	DE
TAMCOT SP-37	1.13	E

YARN TENACITY

ACALA 1517-70	14.6	A
COKER 310	11.9	B
LOCKETT 4789A	11.9	B
STONEVILLE 213	11.8	B
STONEVILLE 7A	11.8	B
DELTAPINE 16	11.6	B
TPSA 110	11.6	B
TAMCOT SP-37	11.3	B

MICRONAIRE

STONEVILLE 213	4.91	A
STONEVILLE 7A	4.76	AB
COKER 310	4.70	AB
DELTAPINE 16	4.69	AB
TPSA 110	4.54	B
LOCKETT 4789A	4.52	B
ACALA 1517-70	4.12	C
TAMCOT SP-37	4.11	C

1973 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

-----  
DRAWING SLIVER, UHM  
-----

COKER 310	1.28	A
DELTAPINE 16	1.24	B
ACALA 1517-70	1.24	B
STONEVILLE 213	1.23	BC
STONEVILLE 7A	1.22	BC
TPSA 110	1.21	CD
LOCKETT 4789A	1.19	DE
TAMCOT SP-37	1.18	E

-----  
DRAWING SLIVER, MEAN  
-----

STONEVILLE 213	1.06	A
COKER 310	1.05	AB
DELTAPINE 16	1.04	AB
ACALA 1517-70	1.02	ABC
LOCKETT 4789A	1.02	ABC
STONEVILLE 7A	1.00	BC
TPSA 110	1.00	BC
TAMCOT SP-37	0.98	C

-----  
STELCMETER - T0  
-----

ACALA 1517-70	48.7	A
STONEVILLE 7A	42.1	B
TPSA 110	40.9	BC
COKER 310	40.4	BC
LOCKETT 4789A	39.3	CD
STONEVILLE 213	38.8	CDE
DELTAPINE 16	37.8	DE
TAMCOT SP-37	36.6	E

-----  
STELCMETER - T1  
-----

ACALA 1517-70	24.1	A
STONEVILLE 7A	19.4	B
LOCKETT 4789A	19.3	B
STONEVILLE 213	19.2	B
DELTAPINE 16	19.2	B
COKER 310	19.1	B
TPSA 110	18.9	BC
TAMCOT SP-37	18.0	C

-----  
STELCMETER - E1  
-----

DELTAPINE 16	8.2	A
TAMCOT SP-37	6.9	B
STONEVILLE 213	6.7	B
LOCKETT 4789A	6.5	B
COKER 310	6.4	B
STONEVILLE 7A	5.6	C
TPSA 110	5.6	C
ACALA 1517-70	5.6	C

-----  
COLORIMETER -RD  
-----

TAMCOT SP-37	73	A
DELTAPINE 16	73	A
STONEVILLE 7A	72	AB
LOCKETT 4789A	72	AB
STONEVILLE 213	72	AB
TPSA 110	72	AB
COKER 310	71	BC
ACALA 1517-70	70	C

-----  
COLORIMETER -B  
-----

TPSA 110	7.8	A
COKER 310	7.7	AB
LOCKETT 4789A	7.7	AB
STONEVILLE 213	7.7	AB
ACALA 1517-70	7.3	BC
STONEVILLE 7A	7.2	C
DELTAPINE 16	7.0	CD
TAMCOT SP-37	6.7	D

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UNIFORMITY RATIO  
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LOCKETT 4789A	86	A
STONEVILLE 213	86	A
DELTAPINE 16	84	AB
TAMCOT SP-37	83	AB
ACALA 1517-70	83	AB
TPSA 110	82	B
COKER 310	82	B
STONEVILLE 7A	82	B



1973 CENTRAL REGIONAL COTTON VARIETY TEST  
BOSSIER C., LA.

VARIETY	• • YIELD • LB. LINT • PER ACRE	• BOLL SIZE • GRAM • PER BOLL	• NO. • PER LB.	• LINT • PCT.	• SEED • INDEX	• SPAN • LENGTH • 50 2.5 • PCT. PCT.	• YTEN
DELTAPINE 16	1020 A	5.73	79	41.3	10.6	.55 1.18	11.1
STONEVILLE 7A	985 A	5.42	84	41.8	10.8	.53 1.18	11.5
STONEVILLE 213	924 A	5.68	80	40.6	11.2	.56 1.17	11.5
COKER 310	848 A	5.14	89	42.1	10.4	.57 1.25	12.0
TAMCOT SP-37	654 B	5.85	77	39.8	11.5	.54 1.16	11.4
TPSA 110	622 B	5.64	81	39.8	12.1	.54 1.18	11.1
LOCKETT 4789A	607 B	5.63	81	38.3	12.2	.54 1.14	11.7
ACALA 1517-70	531 B	5.83	78	37.3	12.4	.59 1.22	14.7

• MICRO- • NAIRE	• DRAWING • SLIVER • UHM	• MEAN	• TO	• STELOMETER • T1	• E1	• COLORI- • METER • PD	• B	• UNIF. • RATIO
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DELTAPINE 16	4.81	1.25	1.06	35.9	18.3	8.5	76	7.5	85
STONEVILLE 7A	4.99	1.24	1.01	40.8	18.8	5.5	75	7.8	82
STONEVILLE 213	5.11	1.23	1.05	36.8	18.5	7.1	74	8.1	86
COKER 310	4.74	1.29	1.08	38.4	19.7	6.4	73	7.9	84
TAMCOT SP-37	4.42	1.18	0.96	37.6	18.0	6.4	74	7.2	81
TPSA 110	4.99	1.21	0.98	39.8	18.1	5.9	75	7.9	81
LOCKETT 4789A	4.75	1.21	1.07	38.3	18.7	6.7	75	8.1	88
ACALA 1517-70	4.53	1.26	1.07	45.7	23.2	5.3	74	8.2	85

1973 CENTRAL REGIONAL COTTON VARIETY TEST  
COL. STA., TEX.

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTEN
	• LB.	• LINT • PER ACRE	• GRAM • PER BOLL	• NO. • LB.			• LENGTH • 50 PCT.	• 2.5 • PCT.	
DELTAPINE 16	888	A	5.08	90	35.1	12.3	.55	1.23	13.3
COKER 310	881	AB	5.35	85	36.1	12.0	.58	1.29	12.8
TAMCOT SP-37	797	ABC	5.82	78	34.3	12.1	.54	1.18	12.2
STONEVILLE 213	792	ABC	5.37	85	34.6	11.5	.58	1.22	12.8
STONEVILLE 7A	774	BC	5.20	88	34.1	11.9	.59	1.26	12.9
TPSA 110	749	C	6.02	76	32.6	12.4	.57	1.26	12.9
ACALA 1517-70	611	D	6.19	74	32.8	12.4	.59	1.25	14.9
LOCKETT 4789A	599	D	5.34	85	31.9	12.9	.56	1.19	12.7

	• DRAWING			• STELOMETER			• COLORI-		• UNIF. • RATIO
	• MICRO- • NAIRE	• SLIVER • UHM	• MEAN	• TO	• T1	• E1	• METER • RD	• B	
DELTAPINE 16	4.34	1.30	1.09	40.5	20.5	8.0	73	6.9	85
COKER 310	4.52	1.33	1.08	41.3	19.7	6.4	71	7.6	82
TAMCOT SP-37	3.75	1.24	1.06	36.5	18.7	7.1	74	6.6	85
STONEVILLE 213	4.42	1.29	1.12	40.0	19.9	6.3	73	7.6	87
STONEVILLE 7A	4.21	1.30	1.07	43.6	20.7	6.1	73	7.1	83
TPSA 110	4.09	1.29	1.08	41.6	19.9	5.6	74	7.9	84
ACALA 1517-70	3.71	1.28	1.06	52.0	25.6	5.2	70	6.8	83
LOCKETT 4789A	3.99	1.24	1.03	40.3	19.9	6.7	72	7.5	84

1973 CENTRAL REGIONAL COTTON VARIETY TEST  
NICES CT., TEX.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN				
	• LB.	• LINT	• PER	• PER			• 50	• LENGTH					
								• PER ACRE		• BOLL	• LB.	• PCT.	• 2.5
TAMCOT SP-37	630	A	5.43	84	37.0	11.1	.47	1.05	10.2				
STONEVILLE 213	463	B	4.78	95	37.4	10.4	.51	1.11	10.9				
LOCKETT 4789A	460	B	5.73	80	33.5	12.0	.51	1.08	11.2				
STONEVILLE 7A	422	BC	4.56	100	37.1	10.4	.51	1.09	10.9				
COKER 310	416	BC	4.55	101	36.7	10.3	.49	1.14	10.8				
TPSA 110	412	BC	5.19	88	35.6	11.9	.48	1.08	10.9				
DELTAPINE 16	374	C	4.94	93	36.7	9.9	.50	1.10	10.4				
ACALA 1517-70	306	D	4.82	94	34.4	11.2	.53	1.16	14.1				

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
TAMCOT SP-37	4.15	1.11	0.93	35.7	17.1	7.0	71	6.1	84
STONEVILLE 213	5.20	1.18	1.00	39.5	19.2	6.8	69	7.3	86
LOCKETT 4789A	4.83	1.13	0.96	39.2	19.4	6.1	70	7.6	85
STONEVILLE 7A	5.09	1.13	0.92	41.8	18.6	5.3	70	6.8	81
COKER 310	4.83	1.21	0.98	41.4	17.8	6.2	69	7.6	81
TPSA 110	4.55	1.13	0.92	41.3	18.6	5.2	68	7.5	82
DELTAPINE 16	4.90	1.16	0.95	36.9	18.8	8.0	72	6.4	83
ACALA 1517-70	4.11	1.17	0.94	48.5	23.5	6.3	68	7.0	80

1973 CENTRAL REGIONAL COTTON VARIETY TEST  
WESLACO, TEX.<sup>1</sup>

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN								
	• LB.	• LINT	• GRAM	• NO.			• LENGTH	• PCT.		• 50	• 2.5						
												• PER	• PER	• PCT.	• INDEX	• PCT.	• PCT.
TAMCOT SP-37	480	A	5.80	78	36.2	12.0	---	---	---								
DELTAPINE 16	459	A	6.20	73	37.2	11.8	---	---	---								
COKER 310	387	AB	5.80	78	37.3	11.0	---	---	---								
STONEVILLE 7A	374	AB	5.90	77	34.9	12.0	---	---	---								
STONEVILLE 213	372	AB	5.60	81	35.0	12.0	---	---	---								
TPSA 110	336	BC	6.40	71	35.9	13.2	---	---	---								
LOCKETT 4789A	258	C	6.80	67	34.2	13.8	---	---	---								
ACALA 1517-70	124	D	5.40	84	34.5	12.0	---	---	---								

<sup>1</sup>No fiber data are available.



1973 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH		
							50 PCT.	2.5 PCT.	
DELTAPINE 16	657	A	5.83	79	38.3	12.2	.55	1.17	12.0
TAMCOT 788	628	AB	6.22	74	36.9	12.2	.52	1.12	13.2
PAYMASTER 202	616	ABC	6.84	68	36.5	13.4	.48	0.99	11.4
LOCKETT BXL	599	ABCD	6.50	71	36.8	13.1	.53	1.11	12.3
COKER 5110	583	ABCD	6.29	74	38.1	12.1	.55	1.17	12.3
COKER 310	582	ABCD	5.77	80	38.5	12.9	.57	1.22	12.5
LOCKETT 4789	577	ABCD	6.47	71	36.3	13.1	.52	1.09	11.7
WESTBURN 70	570	ABCD	6.64	69	35.9	12.4	.51	1.10	11.1
STRIPPER CALA S	561	BCD	6.18	77	34.7	12.6	.50	1.08	12.1
PAYMASTER 111-A	560	BCD	7.49	61	35.0	13.6	.52	1.10	12.5
LANKART LX571	550	BCD	7.28	63	37.4	14.1	.52	1.10	11.1
LOCKETT 4789A	538	BCDE	6.17	74	35.6	13.0	.54	1.13	12.3
LANKART 3840	529	CDE	6.69	69	36.6	13.6	.54	1.13	12.0
ACALA 1517-70	515	DE	5.84	79	35.7	13.0	.55	1.19	14.7
GREGG 35W	454	E	6.56	71	36.3	13.4	.54	1.12	13.7

	DRAWING			STELOMETER			COLORI-		JNIF.
	MICRO-	SLIVER					METER		JNIF.
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
DELTAPINE 16	4.90	1.21	1.01	38.9	19.5	8.4	75	7.8	83
TAMCOT 788	4.39	1.15	0.94	47.0	21.6	5.9	73	7.9	82
PAYMASTER 202	5.05	1.04	0.88	43.9	20.1	6.5	74	7.9	84
LOCKETT BXL	4.51	1.15	0.94	42.2	20.2	7.0	73	7.7	82
COKER 5110	4.67	1.19	0.97	41.4	20.2	7.4	73	8.0	81
COKER 310	4.78	1.25	1.02	41.0	20.4	7.3	73	8.1	82
LOCKETT 4789	4.63	1.12	0.94	41.1	19.5	7.1	73	7.9	84
WESTBURN 70	4.36	1.14	0.93	38.9	18.4	7.5	74	7.9	81
STRIPPER CALA S	4.29	1.11	0.89	45.1	20.0	6.0	73	8.0	80
PAYMASTER 111-A	4.67	1.14	0.95	42.8	20.2	7.0	73	7.7	82
LANKART LX571	4.89	1.14	0.94	39.7	18.3	7.4	73	8.2	83
LOCKETT 4789A	4.40	1.18	0.98	41.5	20.2	7.2	73	7.7	84
LANKART 3840	5.01	1.17	0.96	43.1	20.2	6.7	73	7.6	82
ACALA 1517-70	4.39	1.21	0.99	48.8	24.3	6.4	74	7.8	82
GREGG 35W	4.49	1.16	0.97	45.5	23.1	7.1	72	7.5	84

1973 PLAINS REGIONAL COTTON VARIETY TEST  
SUBREGIONAL SUMMARY

VARIETIES COMBINING CHILLICOTHE (DRY), ALTUS, CHICKASHA (IRR),  
AND CHICKASHA (DRY)

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTEV
	• LB.	• LINT • PER ACRE	• GRAM • PER • BOLL	• NO. • PER • LB.			• LENGTH		
							• 50	• 2.5	
DELTAPINE 16	659	A	6.17	74	37.8	12.7	.56	1.17	12.1
PAYMASTER 202	629	AB	7.31	63	36.1	13.6	.48	0.98	11.4
TAMCOT 788	618	AB	6.64	70	36.5	12.6	.52	1.13	13.4
LOCKETT BXL	595	AB	6.80	67	36.2	13.2	.53	1.10	12.3
WESTBURN 70	561	AB	7.01	65	35.3	12.6	.52	1.11	11.4
COKER 5110	560	AB	6.64	70	37.5	12.3	.55	1.17	12.3
LOCKETT 4789	560	AB	6.82	67	35.9	13.5	.52	1.09	11.9
PAYMASTER 111-A	554	AB	7.73	60	35.5	13.8	.53	1.10	12.7
COKER 310	549	AB	6.06	77	38.1	13.4	.57	1.23	12.5
STRIPPER CALA S	541	AB	6.70	68	34.5	12.8	.50	1.08	12.2
ACALA 1517-70	540	AB	6.28	73	36.2	13.3	.58	1.21	14.9
LANKART LX571	522	B	7.61	60	37.1	14.1	.52	1.09	11.0
LOCKETT 4789A	518	B	6.53	70	34.9	13.0	.54	1.13	12.4
LANKART 3840	513	B	7.07	65	36.1	13.8	.54	1.12	12.1
GREGG 35W	390	C	6.96	67	36.6	13.4	.55	1.12	13.7

	DRAWING			STELDMETER			COLORI-		
	MICRO-	SLIVER					METER	JNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	20	B	RATIO
DELTAPINE 16	5.12	1.22	1.02	39.0	19.6	8.6	75	7.7	84
PAYMASTER 202	5.30	1.04	0.88	44.1	20.2	6.5	74	7.9	85
TAMCOT 788	4.59	1.16	0.96	46.8	22.0	5.8	73	7.8	83
LOCKETT BXL	4.74	1.14	0.94	42.7	20.5	6.8	73	7.7	83
WESTBURN 70	4.53	1.14	0.92	38.6	18.6	7.3	74	7.8	81
COKER 5110	4.88	1.20	0.99	41.5	20.3	7.1	74	8.0	82
LOCKETT 4789	4.87	1.12	0.95	41.1	19.8	7.0	74	8.0	85
PAYMASTER 111-A	4.74	1.15	0.96	42.5	20.1	7.0	73	7.6	84
COKER 310	4.96	1.26	1.04	40.8	20.6	7.0	72	8.2	83
STRIPPER CALA S	4.50	1.11	0.89	44.5	20.1	6.0	73	8.1	80
ACALA 1517-70	4.55	1.23	1.01	47.9	24.5	6.2	73	7.8	83
LANKART LX571	5.14	1.13	0.94	39.9	18.4	7.3	72	8.2	83
LOCKETT 4789A	4.56	1.18	1.01	41.3	20.1	7.0	73	7.8	85
LANKART 3840	5.27	1.17	0.97	43.7	20.5	6.5	73	7.7	83
GREGG 35W	4.84	1.17	1.00	44.6	22.7	7.2	72	7.6	86

1973 PLAINS REGIONAL COTTON VARIETY TEST  
SUBREGIONAL SUMMARY

VARIETIES COMBINING LUBBOCK (IRR), AND LUBBOCK (DRY)

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN
	• LB. LINT	• PER ACRE	• GRAM	• NO.			• LENGTH		
			• PER	• PER			• 50	• 2.5	
			• BOLL	• LB.			• PCT.	• PCT.	
DELTAPINE 16	653	A	5.15	89	39.1	11.3	.52	1.15	11.8
COKER 310	648	A	5.19	88	39.1	11.9	.55	1.21	12.4
TAMCOT 788	646	A	5.39	84	37.8	11.4	.50	1.11	12.7
COKER 5110	630	A	5.58	82	39.3	11.7	.54	1.16	12.3
LOCKETT 4789	611	A	5.78	79	37.2	12.4	.52	1.10	11.4
LANKART LX571	607	AB	6.63	69	38.0	14.1	.52	1.11	11.3
LOCKETT BXL	605	AB	5.91	77	38.0	12.8	.52	1.12	12.2
STRIPPER CALA S	601	AB	5.15	94	35.0	12.3	.50	1.08	11.7
PAYMASTER 202	590	AB	5.91	77	37.2	12.9	.49	1.00	11.4
WESTBURN 70	589	AB	5.91	77	36.9	11.9	.50	1.09	10.4
GREGG 35W	583	AB	5.75	79	35.6	13.3	.54	1.11	13.9
LOCKETT 4789A	577	AB	5.47	83	36.8	12.9	.53	1.13	12.0
PAYMASTER 111-A	570	AB	7.01	65	37.1	13.1	.50	1.08	12.0
LANKART 3840	562	AB	5.94	77	37.8	13.1	.54	1.14	11.6
ACALA 1517-70	463	B	4.95	92	37.8	12.3	.49	1.14	14.2

	• MICRO- • NAIRE •	• DRAWING • SLIVER • UHM • MEAN •	• STELOMETER • TO • T1 • E1 •	• COLORI- • METER • RD • B •	• UNIF. • RATIO •				
DELTAPINE 16	4.45	1.20	0.98	38.8	19.2	7.9	75	7.9	82
COKER 310	4.42	1.24	0.98	41.3	20.0	7.7	73	7.8	80
TAMCOT 788	3.99	1.12	0.90	47.2	20.7	5.9	74	8.1	80
COKER 5110	4.24	1.18	0.94	41.2	20.2	8.0	72	8.0	80
LOCKETT 4789	4.14	1.12	0.92	40.9	19.0	7.3	73	7.8	82
LANKART LX571	4.38	1.15	0.94	39.4	18.0	7.5	74	7.9	82
LOCKETT BXL	4.04	1.16	0.93	41.0	19.6	7.5	73	7.8	81
STRIPPER CALA S	3.88	1.10	0.88	46.3	19.7	5.9	73	7.9	81
PAYMASTER 202	4.54	1.04	0.87	43.6	20.0	6.7	74	7.8	84
WESTBURN 70	4.01	1.13	0.94	39.5	18.1	8.0	73	8.3	83
GREGG 35W	3.80	1.15	0.92	47.2	24.0	6.9	73	7.4	80
LOCKETT 4789A	4.06	1.17	0.94	41.9	20.5	7.4	74	7.6	81
PAYMASTER 111-A	4.54	1.12	0.92	43.4	20.6	7.2	72	7.8	83
LANKART 3840	4.48	1.17	0.94	42.0	19.7	7.0	74	7.4	81
ACALA 1517-70	4.06	1.19	0.95	50.5	23.7	6.6	74	7.8	80



1973 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN	
	• LB.	LINT	• GRAM	• NO.			• LENGTH			
				• PER				• PER		• PCT.
			• BOLL	• LB.	•	• INDEX	• 50	2.5	•	
							• PCT.	PCT.	•	
ALTUS, OKLA.	857	A	6.78	67	35.7	13.9	.55	1.16	12.9	
LUBBOCK (IRR)	621	B	5.42	85	38.5	12.0	.52	1.10	11.9	
LUBBOCK (DRY)	570	BC	6.01	76	36.6	13.1	.52	1.14	12.3	
CH.(IRR), OKLA.	521	CD	7.35	62	36.7	12.7	.54	1.13	12.5	
CH.(DRY), OKLA.	475	D	7.28	63	36.1	14.3	.55	1.10	12.4	
CL.(DRY), TEX.	363	E	5.88	78	35.8	11.9	.50	1.10	11.9	

DRAWING			STELOMETER			COLORI-		UNIF. RATIO
MICRO- NAIRE	SLIVER	UHM	MEAN	TO	T1	EI	METER	
	RD						B	
4.39	1.20	1.00	41.6	20.9	7.1	75	7.8	83
4.27	1.13	0.94	42.2	20.2	7.5	73	8.0	83
4.14	1.17	0.93	43.8	20.2	6.9	74	7.6	79
4.82	1.17	0.99	41.7	20.3	7.1	74	8.2	84
5.24	1.15	0.97	44.0	20.4	6.7	74	8.2	84
4.90	1.12	0.90	43.1	20.6	6.7	69	7.3	80

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL			BOLL SIZE, NO. PER LB.		
PAYMASTER 111-A	7.49	A	COKER 310	80	A
LANKART LX571	7.28	A	DELTAPINE 16	79	AB
PAYMASTER 202	6.84	B	ACALA 1517-70	79	AB
LANKART 3840	6.69	BC	STRIPPER CALA S	77	AB
WESTBURN 70	6.64	BC	LOCKETT 4789A	74	BC
GREGG 35W	6.56	BCD	TAMCOT 788	74	BC
LOCKETT BXL	6.50	BCD	COKER 5110	74	BC
LOCKETT 4789	6.47	BCD	GREGG 35W	71	C
COKER 5110	6.29	CD	LOCKETT BXL	71	C
TAMCOT 788	6.22	DE	LOCKETT 4789	71	C
STRIPPER CALA S	6.18	DE	LANKART 3840	69	C
LOCKETT 4789A	6.17	DE	WESTBURN 70	69	C
ACALA 1517-70	5.84	EF	PAYMASTER 202	68	CD
DELTAPINE 16	5.83	EF	LANKART LX571	63	DE
COKER 310	5.77	F	PAYMASTER 111-A	61	E

1973 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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LINT PCT.  
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COKER 310	38.5	A
DELTAPINE 16	38.3	A
COKER 5110	38.1	AB
LANKART LX571	37.4	ABC
TAMCOT 788	36.9	BCD
LOCKETT BXL	36.8	BCD
ACALA 1517-70	36.7	CD
LANKART 3840	36.6	CD
PAYMASTER 202	36.5	CD
LOCKETT 4789	36.3	CD
GREGG 35W	36.3	CD
PAYMASTER 111-A	36.0	CDE
WESTBURN 70	35.9	DE
LOCKETT 4789A	35.6	DE
STRIPPER CALA S	34.7	E

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SEED INDEX  
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LANKART LX571	14.1	A
PAYMASTER 111-A	13.6	AB
LANKART 3840	13.6	AB
GREGG 35W	13.4	AB
PAYMASTER 202	13.4	AB
LOCKETT 4789	13.1	BC
LOCKETT BXL	13.1	BC
ACALA 1517-70	13.0	BC
LOCKETT 4789A	13.0	BC
COKER 310	12.9	BCD
STRIPPER CALA S	12.6	CDE
WESTBURN 70	12.4	CDE
DELTAPINE 16	12.2	DE
TAMCOT 788	12.2	DE
COKER 5110	12.1	E

-----  
SPAN LENGTH, 50 PCT.  
-----

COKER 310	0.57	A
DELTAPINE 16	0.55	AB
COKER 5110	0.55	AB
ACALA 1517-70	0.55	AB
LOCKETT 4789A	0.54	BC
GREGG 35W	0.54	BC
LANKART 3840	0.54	BC
LOCKETT BXL	0.53	BCD
LANKART LX571	0.52	CDE
PAYMASTER 111-A	0.52	CDE
TAMCOT 788	0.52	CDE
LOCKETT 4789	0.52	CDE
WESTBURN 70	0.51	DE
STRIPPER CALA S	0.50	EF
PAYMASTER 202	0.48	F

-----  
SPAN LENGTH, 2.5 PCT.  
-----

COKER 310	1.22	A
ACALA 1517-70	1.19	B
DELTAPINE 16	1.17	B
COKER 5110	1.17	B
LOCKETT 4789A	1.13	C
LANKART 3840	1.13	C
TAMCOT 788	1.12	CD
GREGG 35W	1.12	CD
LOCKETT BXL	1.11	CDE
LANKART LX571	1.10	CDE
WESTBURN 70	1.10	CDE
PAYMASTER 111-A	1.10	CDE
LOCKETT 4789	1.09	DE
STRIPPER CALA S	1.08	E
PAYMASTER 202	0.99	F

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YARN TENACITY  
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ACALA 1517-70	14.7	A
GREGG 35W	13.7	B
TAMCOT 788	13.2	B
COKER 310	12.5	C
PAYMASTER 111-A	12.5	C
COKER 5110	12.3	C
LOCKETT 4789A	12.3	C
LOCKETT BXL	12.3	C
STRIPPER CALA S	12.1	CD
DELTAPINE 16	12.0	CD
LANKART 3840	12.0	CD
LOCKETT 4789	11.7	DE
PAYMASTER 202	11.4	EF
WESTBURN 70	11.1	F
LANKART LX571	11.1	F

1973 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

MICRONAIRE		
PAYMASTER 202	5.05	A
LANKART 3840	5.01	AB
DELTAPINE 16	4.90	ABC
LANKART LX571	4.89	ABC
COKER 310	4.78	BCD
PAYMASTER 111-A	4.67	CDE
COKER 5110	4.67	CDE
LOCKETT 4789	4.63	DEF
LOCKETT BXL	4.51	EFG
GREGG 35W	4.49	EFG
LOCKETT 4789A	4.40	FG
ACALA 1517-70	4.39	FG
TAMCOT 788	4.39	FG
WESTBURN 70	4.36	G
STRIPPER CALA S	4.29	G

DRAWING SLIVER, UHM

COKER 310	1.25	A
DELTAPINE 16	1.21	B
ACALA 1517-70	1.21	B
COKER 5110	1.19	BC
LOCKETT 4789A	1.18	BCD
LANKART 3840	1.17	CDE
GREGG 35W	1.16	CDE
LOCKETT BXL	1.15	DEF
TAMCOT 788	1.15	DEF
LANKART LX571	1.14	EFG
PAYMASTER 111-A	1.14	EFG
WESTBURN 70	1.14	EFG
LOCKETT 4789	1.12	FG
STRIPPER CALA S	1.11	G
PAYMASTER 202	1.04	H

DRAWING SLIVER, MEAN

COKER 310	1.02	A
DELTAPINE 16	1.01	AB
ACALA 1517-70	0.99	ABC
LOCKETT 4789A	0.98	ABCD
GREGG 35W	0.97	BCDE
COKER 5110	0.97	BCDE
LANKART 3840	0.96	CDE
PAYMASTER 111-A	0.95	CDE
LANKART LX571	0.94	DE
LOCKETT 4789	0.94	DE
LOCKETT BXL	0.94	DE
TAMCOT 788	0.94	DE
WESTBURN 70	0.93	EF
STRIPPER CALA S	0.89	FG
PAYMASTER 202	0.88	G

STELOMETER - T0		
ACALA 1517-70	48.8	A
TAMCOT 788	47.0	B
GREGG 35W	45.5	BC
STRIPPER CALA S	45.1	C
PAYMASTER 202	43.9	CD
LANKART 3840	43.1	DE
PAYMASTER 111-A	42.8	DEF
LOCKETT BXL	42.2	DEF
LOCKETT 4789A	41.5	EFG
COKER 5110	41.4	EFG
LOCKETT 4789	41.1	EFG
COKER 310	41.0	FG
LANKART LX571	39.7	GH
DELTAPINE 16	38.9	H
WESTBURN 70	38.9	H

STELOMETER - T1

ACALA 1517-70	24.3	A
GREGG 35W	23.1	B
TAMCOT 788	21.6	C
COKER 310	20.4	D
PAYMASTER 111-A	20.2	D
LOCKETT BXL	20.2	D
LOCKETT 4789A	20.2	D
COKER 5110	20.2	D
LANKART 3840	20.2	D
PAYMASTER 202	20.1	D
STRIPPER CALA S	20.0	D
DELTAPINE 16	19.5	D
LOCKETT 4789	19.5	D
WESTBURN 70	18.4	E
LANKART LX571	18.3	E

STELOMETER - E1

DELTAPINE 16	8.4	A
WESTBURN 70	7.5	B
COKER 5110	7.4	BC
LANKART LX571	7.4	BC
COKER 310	7.3	BC
LOCKETT 4789A	7.2	BCD
GREGG 35W	7.1	BCDE
LOCKETT 4789	7.1	BCDE
LOCKETT BXL	7.0	BCDE
PAYMASTER 111-A	7.0	BCDE
LANKART 3840	6.7	CDEF
PAYMASTER 202	6.5	DEFG
ACALA 1517-70	6.4	EFG
STRIPPER CALA S	6.0	FG
TAMCOT 788	5.9	G



1973 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

-----  
COLORIMETER -RD  
-----

DELTAPINE 16	75	A
PAYMASTER 202	74	B
WESTBURN 70	73	C
STRIPPER CALA S	73	C
LOCKETT BXL	73	C
TAMCOT 788	73	C
ACALA 1517-70	73	C
LOCKETT 4789A	73	C
COKER 5110	73	C
COKER 310	73	C
PAYMASTER 111-A	73	C
LOCKETT 4789	73	C
LANKART 3840	73	C
GREGG 35W	72	C
LANKART LX571	72	C

-----  
COLORIMETER -B  
-----

LANKART LX571	8.2	A
COKER 310	8.1	AB
COKER 5110	8.0	ABC
STRIPPER CALA S	8.0	ABC
PAYMASTER 202	7.9	ABCD
TAMCOT 788	7.9	ABCD
WESTBURN 70	7.9	ABCD
LOCKETT 4789	7.9	ABCD
DELTAPINE 16	7.8	BCDE
ACALA 1517-70	7.8	BCDE
LOCKETT 4789A	7.7	CDE
PAYMASTER 111-A	7.7	CDE
LOCKETT BXL	7.7	CDE
LANKART 3840	7.6	DE
GREGG 35W	7.5	E

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UNIFORMITY RATIO  
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LOCKETT 4789A	84	A
LOCKETT 4789	84	A
PAYMASTER 202	84	A
GREGG 35W	84	A
PAYMASTER 111-A	83	AB
LANKART LX571	83	AB
DELTAPINE 16	83	AB
COKER 310	82	ABC
TAMCOT 788	82	ABC
ACALA 1517-70	82	ABC
LOCKETT BXL	82	ABC
LANKART 3840	82	ABC
COKER 5110	81	BC
WESTBURN 70	81	BC
STRIPPER CALA S	80	C

1973 PLAINS REGIONAL COTTON VARIETY TEST  
ALTUS, OKLA.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN
	• LB. LINT		• GRAM				• LENGTH		
	• PER ACRE		• PER				• 50 2.5		
			• BOLL				• PCT. PCT.		
DELTAPINE 16	1131	A	6.08	75	37.1	13.0	.58	1.22	12.4
TAMCOT 788	1024	AB	6.68	68	36.8	13.5	.52	1.14	14.1
PAYMASTER 202	980	ABC	7.16	64	35.6	14.5	.51	1.04	12.0
CCKER 5110	891	BCD	6.84	67	37.4	13.0	.56	1.21	12.3
PAYMASTER 111-A	886	BCD	7.80	59	34.5	14.5	.54	1.12	13.0
LOCKETT BXL	881	BCD	6.60	69	34.8	14.0	.55	1.16	12.3
COKER 310	851	BCD	5.98	76	37.4	14.5	.60	1.25	12.9
STRIPPER CALA S	849	BCD	6.32	72	33.4	13.5	.53	1.13	13.4
LOCKETT 4789	832	BCD	6.92	66	34.1	13.5	.54	1.14	12.9
ACALA 1517-70	828	BCD	6.36	72	36.2	14.0	.62	1.24	15.9
LANKART LX571	824	BCD	7.48	61	36.5	14.5	.52	1.10	11.3
LANKART 3840	768	CD	7.28	63	35.3	14.5	.57	1.16	12.4
GREGG 35W	718	D	6.90	66	36.3	14.5	.55	1.13	14.5
LOCKETT 4789A	709	D	6.14	75	34.0	14.0	.54	1.17	12.7
WESTBURN 70	676	D	7.16	64	35.2	13.0	.55	1.17	11.7

	DRAWING			STELDMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
DELTAPINE 16	4.70	1.25	1.03	38.3	19.9	8.9	77	7.5	83
TAMCOT 788	4.37	1.18	0.96	48.2	22.7	5.4	76	7.6	81
PAYMASTER 202	5.06	1.09	0.91	41.3	19.9	6.6	76	7.6	84
COKER 5110	4.34	1.25	1.04	39.1	20.2	7.5	75	7.8	84
PAYMASTER 111-A	4.33	1.18	0.97	43.1	21.0	6.8	75	7.8	83
LOCKETT BXL	4.09	1.18	0.95	40.3	20.0	7.2	74	7.6	81
COKER 310	4.58	1.29	1.09	39.3	20.8	7.3	74	8.0	85
STRIPPER CALA S	3.90	1.16	0.95	43.5	20.8	6.3	76	7.9	82
LOCKETT 4789	4.05	1.19	1.01	41.1	20.7	6.9	75	7.9	85
ACALA 1517-70	4.33	1.27	1.08	48.8	26.0	6.4	76	8.1	85
LANKART LX571	4.71	1.15	0.97	37.2	18.2	8.1	73	8.2	85
LANKART 3840	4.79	1.20	0.99	41.9	20.1	6.7	75	7.8	83
GREGG 35W	4.30	1.18	1.02	45.6	23.5	7.5	74	7.7	87
LOCKETT 4789A	3.95	1.23	1.04	38.6	20.3	7.5	74	7.4	85
WESTBURN 70	4.35	1.20	0.97	37.9	18.7	7.0	75	7.7	82

1973 PLAINS REGIONAL COTTON VARIETY TEST  
LUBBOCK (IRR)

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		Y TEN
	LB.	LINT PER ACRE	GRAM PER BOLL	LENGTH					
				NO. PER LB.			50	2.5	
							PCT.	PCT.	
COKER 310	743	A	5.02	90	40.6	11.5	.55	1.20	12.0
COKER 5110	684	AB	5.38	85	39.7	11.4	.52	1.13	11.7
PAYMASTER 111-A	666	ABC	6.55	69	38.3	12.5	.51	1.08	11.8
TAMCOT 788	666	ABC	5.27	86	39.4	11.0	.50	1.07	12.2
WESTBURN 70	663	ABC	5.54	82	38.3	11.3	.50	1.06	10.4
STRIPPER CALA S	649	ABCD	4.29	113	36.1	11.8	.49	1.03	11.5
DELTAPINE 16	645	ABCD	4.89	93	40.5	10.5	.53	1.13	11.7
PAYMASTER 202	635	BCD	5.67	80	37.6	12.2	.48	0.97	10.8
LANKART LX571	611	BCD	6.28	73	38.6	13.4	.52	1.08	11.2
LOCKETT 4789	596	BCD	5.55	82	37.8	11.9	.53	1.09	11.3
GREGG 35W	595	BCD	5.55	82	37.6	13.1	.55	1.10	13.7
LOCKETT BXL	570	CDE	5.51	83	37.9	12.2	.53	1.12	11.8
LANKART 3840	554	DE	5.59	81	37.7	12.3	.54	1.11	11.6
LOCKETT 4789A	547	DE	5.30	86	37.7	12.3	.54	1.12	12.2
ACALA 1517-70	493	E	4.90	93	39.1	11.5	.51	1.12	14.5

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER		UNIF.
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
COKER 310	4.46	1.25	1.03	40.9	19.8	8.5	73	8.1	83
COKER 5110	4.35	1.15	0.93	41.6	19.8	8.2	71	8.0	82
PAYMASTER 111-A	4.59	1.10	0.91	42.0	20.8	7.6	71	8.0	83
TAMCOT 788	4.17	1.10	0.90	46.7	21.7	5.8	72	7.9	82
WESTBURN 70	4.15	1.08	0.89	36.5	17.1	8.8	72	8.4	83
STRIPPER CALA S	4.16	1.08	0.89	43.8	19.1	6.3	72	8.2	83
DELTAPINE 16	4.47	1.18	1.02	38.9	19.2	5.9	75	8.1	86
PAYMASTER 202	4.74	0.99	0.82	41.8	19.3	7.1	73	8.3	84
LANKART LX571	4.35	1.13	0.94	39.6	18.1	7.9	73	8.1	83
LOCKETT 4789	4.25	1.10	0.92	39.9	18.8	7.9	73	8.1	84
GREGG 35W	3.92	1.13	0.90	47.7	24.8	7.3	72	7.7	79
LOCKETT BXL	3.94	1.15	0.93	40.0	19.4	8.0	73	8.1	82
LANKART 3840	4.31	1.16	0.96	41.4	19.7	7.6	73	7.5	83
LOCKETT 4789A	4.10	1.16	0.97	41.8	20.7	8.0	73	7.8	84
ACALA 1517-70	4.04	1.19	1.01	49.7	24.3	7.1	75	8.2	85



1973 PLAINS REGIONAL COTTON VARIETY TEST  
CH.(IRR), OKLA.

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		YTEN			
	LB.	LINT PER ACRE	GRAM	NO.			LENGTH					
				PER			PER	PCT.		INDEX	50	2.5
											PCT.	PCT.
PAYMASTER 202	674	A	7.76	59	36.0	13.0	.49	0.99	11.3			
TAMCOT 788	664	AB	7.48	61	37.6	12.5	.53	1.15	13.6			
LOCKETT BXL	634	ABC	7.32	62	37.3	12.5	.54	1.09	12.0			
WESTBURN 70	601	ABCD	6.98	65	36.9	11.5	.50	1.08	11.1			
ACALA 1517-70	532	BCDE	6.30	72	36.8	12.5	.56	1.19	15.2			
LOCKETT 4789A	531	BCDE	7.00	65	35.9	11.5	.53	1.13	12.6			
DELTAPINE 16	525	BCDE	6.60	69	38.0	12.5	.57	1.20	11.9			
LANKART 3840	517	CDE	7.84	58	36.3	13.0	.56	1.15	12.6			
PAYMASTER 111-A	507	CDE	8.72	52	35.9	14.0	.53	1.12	12.6			
LOCKETT 4789	495	CDE	7.30	63	35.9	12.5	.53	1.09	12.1			
STRIPPER CALA S	473	DE	7.06	65	34.9	12.5	.49	1.06	11.8			
COKER 310	456	E	6.62	69	38.3	13.5	.58	1.26	12.9			
LANKART LX571	446	EF	8.38	54	36.6	14.5	.54	1.12	11.3			
COKER 5110	439	EF	7.34	62	38.5	12.0	.57	1.19	12.6			
GREGG 35W	321	F	7.48	61	35.1	12.5	.53	1.14	13.7			

.	.	DRAWING	.	STELOMETER			.	COLORI-	.
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PAYMASTER 202	5.19	1.06	0.91	42.9	19.3	6.9	74	8.4	86
TAMCOT 788	4.32	1.17	0.97	46.9	22.4	5.6	74	8.1	83
LOCKETT BXL	5.08	1.13	0.96	42.0	20.4	6.9	74	8.0	85
WESTBURN 70	4.43	1.12	0.88	37.1	18.1	7.7	76	8.1	79
ACALA 1517-70	4.14	1.21	1.00	47.4	25.0	6.3	74	8.2	83
LOCKETT 4789A	4.79	1.19	1.03	40.2	19.5	7.0	75	7.8	86
DELTAPINE 16	5.19	1.23	1.05	38.1	18.7	9.1	76	7.9	86
LANKART 3840	5.25	1.24	1.05	43.7	20.2	6.9	74	7.9	85
PAYMASTER 111-A	4.73	1.16	0.97	41.8	19.5	7.2	74	7.7	84
LOCKETT 4789	5.00	1.13	0.95	40.3	19.4	7.0	75	8.3	85
STRIPPER CALA S	4.57	1.09	0.88	43.8	20.2	5.9	74	8.7	81
COKER 310	4.78	1.29	1.08	39.1	20.3	7.4	73	8.6	84
LANKART LX571	5.24	1.17	1.01	36.8	17.8	7.8	74	8.5	86
COKER 5110	4.96	1.23	1.03	41.8	20.3	7.1	76	8.5	84
GREGG 35W	4.66	1.17	1.03	43.5	22.7	7.5	74	7.9	89

1973 PLAINS REGIONAL COTTON VARIETY TEST  
LUBBOCK (DRY)

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN			
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			50 PCT.	2.5 PCT.				
DELTAPINE 16	661	A	5.40	85	37.7	12.1	.51	1.17	11.9			
LOCKETT BXL	640	AB	6.30	72	38.0	13.4	.51	1.12	12.6			
TAMCOT 788	626	ABC	5.51	83	36.1	11.9	.50	1.14	13.1			
LOCKETT 4789	625	ABC	6.00	76	35.5	12.9	.50	1.10	11.5			
LOCKETT 4789A	607	ABC	5.63	81	36.0	13.5	.52	1.13	11.7			
LANKART LX571	603	ABC	6.98	65	37.4	14.8	.52	1.14	11.4			
COKER 5110	575	BCD	5.77	79	38.8	12.0	.55	1.19	12.9			
GREGG 35W	570	BCD	5.94	77	33.7	13.5	.52	1.11	14.0			
LANKART 3840	569	BCD	6.28	72	37.8	13.9	.54	1.17	11.6			
STRIPPER CALA S	552	CDE	6.00	76	33.9	12.8	.51	1.12	11.9			
COKER 310	552	CDE	5.36	85	37.6	12.3	.54	1.21	12.8			
PAYMASTER 202	545	CDE	6.15	74	36.7	13.6	.51	1.03	12.0			
WESTBURN 70	514	DE	6.28	73	35.5	12.5	.50	1.12	10.4			
PAYMASTER 111-A	474	EF	7.47	61	35.8	13.5	.49	1.08	12.1			
ACALA 1517-70	433	F	5.00	92	36.4	13.0	.48	1.15	14.0			

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
-----									
DELTAPINE 16	4.42	1.21	0.94	38.7	19.1	9.9	76	7.7	78
LOCKETT BXL	4.15	1.18	0.93	42.0	19.7	6.9	74	7.4	80
TAMCOT 788	3.80	1.14	0.90	47.6	19.7	6.0	76	8.3	79
LOCKETT 4789	4.03	1.14	0.93	41.9	19.2	6.6	74	7.6	82
LOCKETT 4789A	4.03	1.17	0.91	42.0	20.3	6.8	75	7.5	78
LANKART LX571	4.41	1.16	0.94	39.3	18.0	7.4	74	7.7	81
COKER 5110	4.14	1.21	0.94	40.8	20.5	7.8	73	7.9	78
GREGG 35W	3.67	1.16	0.94	46.7	23.3	6.4	74	7.2	81
LANKART 3840	4.65	1.18	0.92	42.6	19.6	6.3	75	7.3	78
STRIPPER CALA S	3.60	1.11	0.87	48.9	20.3	5.5	75	7.5	79
COKER 310	4.38	1.22	0.93	41.8	20.2	6.9	74	7.5	77
PAYMASTER 202	4.35	1.09	0.92	45.4	20.7	6.3	75	7.3	85
WESTBURN 70	3.86	1.17	0.98	42.5	19.0	7.1	75	8.1	84
PAYMASTER 111-A	4.50	1.13	0.93	44.8	20.3	6.8	74	7.6	82
ACALA 1517-70	4.07	1.18	0.88	51.4	23.1	6.1	74	7.4	75

1973 PLAINS REGIONAL COTTON VARIETY TEST  
CH.(DRY), OKLA.

VARIETY	• • YIELD • LB. LINT • PER ACRE	• BOLL SIZE • GRAM • PER BOLL	• NO. • PER LB.	• LINT • PCT.	• SEED • INDEX	• SPAN • LENGTH • 50 2.5 • PCT. PCT.	• • YTEN
LOCKETT 4789	555 A	7.42	61	35.3	16.0	.55 1.09	11.8
COKER 5110	548 A	7.10	64	37.2	14.0	.55 1.11	12.2
WESTBURN 70	536 A	7.68	60	33.8	14.0	.52 1.07	11.1
COKER 310	534 A	6.72	68	39.1	13.5	.57 1.17	12.2
DELTAPINE 16	534 A	6.60	69	39.4	14.0	.57 1.15	12.4
STRIPPER CALA S	522 A	7.24	63	35.3	13.5	.51 1.07	12.2
PAYMASTER 202	513 AB	8.06	57	37.1	14.5	.47 0.94	11.3
LOCKETT BXL	490 AB	7.48	61	35.1	15.0	.54 1.09	13.5
ACALA 1517-70	470 AB	6.66	69	36.0	13.0	.57 1.18	14.1
PAYMASTER 111-A	461 AB	7.84	59	36.0	14.5	.54 1.09	13.0
LOCKETT 4789A	457 AB	6.94	66	35.9	14.0	.57 1.13	12.8
LANKART LX571	438 AB	7.56	60	37.4	15.0	.53 1.08	11.3
TAMCOT 788	434 AB	7.00	65	34.2	14.0	.57 1.12	12.6
LANKART 3840	396 B	6.76	68	35.3	15.0	.53 1.07	12.4
GREGG 35W	239 C	8.12	56	34.3	15.0	.55 1.11	12.6

• • MICRO- • NAIRE	• DRAWING • SLIVER • UHM	• MEAN	• TO	• STELOMETER • T1	• E1	• COLORI- • METER • RD	• B	• UNIF. • RATIO
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LOCKETT 4789	5.47	1.11	0.96	41.5	19.1	7.3	75	8.1	87
COKER 5110	5.40	1.15	0.94	42.8	20.2	6.8	76	8.3	82
WESTBURN 70	4.85	1.15	0.93	40.5	18.8	7.3	75	8.3	81
COKER 310	5.54	1.19	0.99	43.2	20.3	6.7	75	8.5	84
DELTAPINE 16	5.41	1.20	1.03	40.8	20.1	7.8	75	8.4	86
STRIPPER CALA S	4.84	1.13	0.90	46.2	19.9	5.8	74	8.4	80
PAYMASTER 202	5.61	1.01	0.87	47.8	21.2	6.1	76	8.3	87
LOCKETT BXL	5.14	1.14	0.94	46.6	21.6	6.0	75	8.1	83
ACALA 1517-70	5.04	1.18	0.99	45.8	22.6	6.5	76	8.3	84
PAYMASTER 111-A	5.00	1.14	0.99	42.4	20.6	7.0	74	7.8	87
LOCKETT 4789A	4.86	1.19	1.05	43.1	20.2	6.9	74	8.3	89
LANKART LX571	5.31	1.11	0.91	44.7	19.2	6.1	74	8.7	82
TAMCOT 788	5.12	1.18	1.02	45.7	20.0	6.9	75	8.0	86
LANKART 3840	5.51	1.12	0.94	44.6	20.8	6.3	74	8.0	84
GREGG 35W	5.51	1.17	1.01	43.3	20.5	7.2	72	8.0	87



1973 PLAINS REGIONAL COTTON VARIETY TEST  
CL.(DRY), TEX.

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• Y TEN
	• LB.	• LINT • PER ACRE	• GRAM • PER BOLL	• NO. • LB.			• LENGTH 50 2.5 PCT. PCT.		
DELTAPINE 16	444	A	5.39	85	36.8	11.3	.50	1.13	11.6
WESTBURN 70	430	A	6.22	73	35.3	11.8	.49	1.10	11.4
LANKART LX571	378	B	7.01	65	38.1	12.4	.48	1.06	10.1
LOCKETT BXL	376	B	5.87	78	37.5	11.3	.50	1.08	11.5
LOCKETT 4789A	375	B	6.03	75	33.8	12.4	.51	1.06	11.4
LANKART 3840	370	B	6.40	71	37.3	12.7	.50	1.09	11.1
COKER 5110	363	B	5.28	86	37.0	10.3	.52	1.18	12.0
PAYMASTER 111-A	363	B	6.58	69	35.6	12.3	.49	1.07	12.0
LOCKETT 4789	357	B	5.63	81	38.2	11.9	.48	1.05	10.8
COKER 310	356	B	4.91	94	37.7	12.0	.55	1.22	12.1
TAMCOT 788	351	B	5.39	84	37.4	10.2	.47	1.09	13.2
PAYMASTER 202	347	B	6.26	73	35.8	12.5	.43	0.96	11.0
ACALA 1517-70	331	BC	5.81	78	35.9	13.9	.55	1.22	14.3
STRIPPER CALA S	318	BC	6.17	74	34.5	11.5	.47	1.06	11.5
GREGG 35W	282	C	5.34	85	40.6	11.7	.54	1.11	13.7

	• DRAWING •			• STELOMETER •			• COLORI- •		• UNIF. • • RATIO
	• MICRO- •	SLIVER					METER		
	• NAIRE •	• UHM •	• MEAN •	• TO •	• T1 •	• E1 •	• RD •	• B •	
	•	•	•	•	•	•	•	•	
DELTAPINE 16	5.19	1.20	0.98	38.9	19.7	8.6	73	7.0	82
WESTBURN 70	4.49	1.10	0.88	38.7	18.7	7.1	70	6.9	81
LANKART LX571	5.28	1.07	0.85	40.9	18.2	7.2	68	7.7	80
LOCKETT BXL	4.65	1.10	0.90	42.0	20.1	6.9	70	7.1	82
LOCKETT 4789A	4.65	1.10	0.90	43.1	20.2	6.6	69	7.4	82
LANKART 3840	5.52	1.12	0.91	44.5	20.7	6.2	70	7.1	81
COKER 5110	4.81	1.17	0.92	42.1	20.3	7.0	69	7.4	79
PAYMASTER 111-A	4.89	1.11	0.92	42.4	19.2	6.8	70	7.0	83
LOCKETT 4789	4.97	1.06	0.86	41.7	19.9	6.7	70	7.6	81
COKER 310	4.93	1.25	0.98	41.4	20.9	6.7	68	7.9	79
TAMCOT 788	4.54	1.11	0.89	46.4	23.0	5.4	69	7.3	80
PAYMASTER 202	5.35	0.99	0.81	44.3	20.3	6.2	71	7.5	82
ACALA 1517-70	4.70	1.24	0.98	49.6	24.5	5.6	68	6.6	80
STRIPPER CALA S	4.67	1.05	0.82	44.3	19.7	6.2	69	7.4	78
GREGG 35W	4.87	1.16	0.93	45.9	23.9	6.7	68	6.7	81

1973 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTEN
	• LB.	• LINT • PER ACRE	• GRAM	• NO. • PER LB.			• LENGTH		
							• 50	• 2.5	
DELTAPINE 16	1062	A	5.76	80	37.3	10.8	.53	1.17	11.2
AZ-64	1026	AB	5.86	79	38.6	11.9	.54	1.16	12.8
ACALA 1517V	1015	AB	6.36	72	37.7	12.6	.58	1.22	14.8
ARIZ. 6608	1012	AB	6.00	77	38.4	12.2	.55	1.15	13.6
COKER 310	1004	AB	5.63	82	38.9	11.0	.54	1.20	11.7
ACALA 1517-70	904	AB	6.05	77	35.6	12.8	.54	1.19	14.3
LOCKETT 4789A	818	B	6.00	76	36.1	12.0	.52	1.13	11.9

	•	•	•	•	•	•	•	•	•
	MICRO-	DRAWING		STELOMETER		COLORI-			
	NAIRE	SLIVER				METER		UNIF.	
	•	UHM •	MEAN •	TO •	T1 •	E1 •	RD •	B •	RATIO
	•	•	•	•	•	•	•	•	•
DELTAPINE 16	4.28	1.21	0.98	39.0	19.4	8.4	78	8.2	81
AZ-64	4.22	1.18	0.96	45.5	21.9	6.5	76	8.6	82
ACALA 1517V	3.96	1.28	1.10	47.5	24.1	6.3	77	8.4	86
ARIZ. 6608	4.11	1.19	1.00	46.8	22.6	6.0	75	8.6	84
COKER 310	4.34	1.22	0.98	41.8	19.8	6.7	77	8.7	80
ACALA 1517-70	4.01	1.22	1.00	50.3	23.0	5.7	76	8.7	81
LOCKETT 4789A	3.97	1.17	0.97	42.1	19.9	6.6	77	8.5	83

1973 WESTERN REGIONAL COTTON VARIETY TEST  
SUBREGIONAL SUMMARY

VARIETIES COMBINING ARTESIA, EL PASO, PAHRUMP, LAS CRUCES, AND SAFFORD

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN
	. LB. LINT		. GRAM				. LENGTH		
	. PER ACRE		. PER				. 50 2.5		
			. BOLL				. PCT. PCT.		
ACALA 1517V	946	A	6.63	69	38.7	12.3	.58	1.22	14.4
DELTAPINE 16	877	A	5.89	79	37.5	10.7	.53	1.18	11.1
ACALA 1517-70	837	A	6.27	75	35.2	12.5	.54	1.20	13.8
ARIZ. 6608	817	A	6.23	74	38.4	12.0	.54	1.15	13.4
AZ-64	803	A	5.95	78	38.3	11.7	.54	1.16	12.6
COKER 310	776	A	5.80	80	39.2	10.7	.53	1.21	11.6
LOCKETT 4789A	726	A	6.14	75	36.6	11.9	.52	1.14	11.8

	. DRAWING		. STELOMETER		. COLORI-	. UNIF.			
	. MICRO-SLIVER		. TO						
	. NAIRE		. T1 E1						
	. UHM		. RD B						
ACALA 1517V	3.86	1.27	1.10	45.5	22.9	6.7	78	8.3	86
DELTAPINE 16	4.01	1.20	0.98	38.4	18.8	8.8	78	8.3	81
ACALA 1517-70	3.92	1.21	0.99	48.9	21.8	6.0	77	8.6	81
ARIZ. 6608	3.91	1.19	1.00	45.7	21.9	6.2	75	8.5	84
AZ-64	3.99	1.16	0.94	44.2	21.1	6.8	76	8.5	81
COKER 310	4.17	1.21	0.97	40.7	19.1	7.1	77	8.6	80
LOCKETT 4789A	3.80	1.16	0.97	41.1	19.4	6.9	77	8.3	83

VARIETIES COMBINING BRAWLEY, PHOENIX, AND MARANA

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN
	. LB. LINT		. GRAM				. LENGTH		
	. PER ACRE		. PER				. 50 2.5		
			. BOLL				. PCT. PCT.		
AZ-64	1398	A	5.72	80	39.1	12.1	.54	1.15	13.1
COKER 310	1385	AB	5.39	85	38.2	11.4	.55	1.20	11.9
DELTAPINE 16	1369	AB	5.59	82	36.9	11.0	.53	1.16	11.4
ARIZ. 6608	1337	AB	5.69	80	38.4	12.4	.56	1.15	14.0
ACALA 1517V	1081	BC	6.05	76	36.1	12.9	.58	1.23	15.6
ACALA 1517-70	1017	C	5.74	80	34.5	13.2	.54	1.18	15.0
LOCKETT 4789A	922	C	5.82	78	35.3	12.1	.52	1.13	12.1

	. DRAWING		. STELOMETER		. COLORI-		. UNIF.		
	. MICRO-SLIVER		. TO						
	. NAIRE		. T1 E1						
	. UHM		. RD B						
AZ-64	4.60	1.21	1.00	47.5	23.1	5.8	75	8.7	82
COKER 310	4.63	1.24	1.00	43.7	20.9	6.1	76	8.8	81
DELTAPINE 16	4.73	1.23	1.00	39.9	20.3	7.8	78	8.1	81
ARIZ. 6608	4.44	1.21	1.01	48.8	23.6	5.5	75	8.7	84
ACALA 1517V	4.05	1.29	1.09	50.4	25.8	5.7	77	8.5	85
ACALA 1517-70	4.14	1.24	1.01	52.6	25.0	5.3	76	8.8	81
LOCKETT 4789A	4.26	1.18	0.99	43.9	20.6	6.1	76	8.6	84



1973 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN		
	• LB.	LINT	• GRAM	• NO.			• LENGTH				
							PER	PER		50	2.5
PHOENIX, ARIZ.	1489	A	6.03	75	36.2	13.1	.56	1.19	13.7		
BRAWLEY, CAL.	1329	AB	5.77	90	37.2	11.7	.53	1.14	13.5		
ARTESIA, N.MEX.	1301	B	6.89	66	38.7	13.1	.59	1.24	13.1		
SAFFORD, ARIZ.	1085	C	5.79	79	41.1	10.8	.53	1.15	12.8		
MARANA, ARIZ.	828	D	6.04	75	37.4	11.7	.55	1.18	12.8		
EL PASO, TEX.	767	D	6.67	68	38.3	---	.55	1.21	13.1		
LAS CR., N.MEX.	570	E	---	---	37.9	10.9	.54	1.17	12.5		
PAHRUMP, NEV.	294	F	5.02	91	32.4	11.8	.48	1.10	11.7		

	•	•	DRAWING	•	STELOMETER			•	COLORI-	•	
	•	MICRO-	SLIVER	•	•	•	•	•	METER	•	
	•	NAIRE	UHM	•	TO	T1	E1	•	RD	•	
	•	•	•	•	•	•	•	•	•	•	
-----											
PHOENIX, ARIZ.		4.66	1.26	1.05	46.6	23.2	6.0		77	8.9	83
BRAWLEY, CAL.		4.10	1.18	1.00	49.9	24.0	5.8		74	7.9	85
ARTESIA, N.MEX.		3.90	1.25	1.03	42.4	21.3	7.7		77	8.4	83
SAFFORD, ARIZ.		4.49	1.16	0.95	44.5	21.0	6.4		78	8.9	82
MARANA, ARIZ.		4.46	1.23	0.99	43.5	21.2	6.4		77	9.0	80
EL PASO, TEX.		3.97	1.28	1.10	43.6	21.1	7.0		78	8.7	86
LAS CR., N.MEX.		3.56	1.20	0.97	43.5	20.6	6.9		76	8.5	81
PAHRUMP, NEV.		3.83	1.10	0.88	43.5	19.4	6.6		75	7.6	80

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL

ACALA 1517V	6.36	A
ACALA 1517-70	6.05	B
ARIZ. 6608	6.00	BC
LOCKETT 4789A	6.00	BC
AZ-64	5.86	BCD
DELTAPINE 16	5.76	CD
COKER 310	5.63	D

BOLL SIZE, NO. PER LB.

COKER 310	82	A
DELTAPINE 16	80	AB
AZ-64	79	AB
ARIZ. 6608	77	B
ACALA 1517-70	77	B
LOCKETT 4789A	76	B
ACALA 1517V	72	C

LINT PCT.

COKER 310	38.9	A
AZ-64	38.6	AB
ARIZ. 6608	38.4	AB
ACALA 1517V	37.7	AB
DELTAPINE 16	37.3	BC
LOCKETT 4789A	36.1	CD
ACALA 1517-70	35.6	D

SEED INDEX

ACALA 1517-70	12.8	A
ACALA 1517V	12.6	AB
ARIZ. 6608	12.2	BC
LOCKETT 4789A	12.0	C
AZ-64	11.9	C
COKER 310	11.0	D
DELTAPINE 16	10.8	D

1973 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

-----  
SPAN LENGTH, 50 PCT.  
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ACALA 1517V	0.58	A
ARIZ. 6608	0.55	B
AZ-64	0.54	BC
ACALA 1517-70	0.54	BC
COKER 310	0.54	BC
DELTAPINE 16	0.53	BC
LOCKETT 4789A	0.52	C

-----  
SPAN LENGTH, 2.5 PCT.  
-----

ACALA 1517V	1.22	A
COKER 310	1.20	AB
ACALA 1517-70	1.19	BC
DELTAPINE 16	1.17	CD
AZ-64	1.16	D
ARIZ. 6608	1.15	DE
LOCKETT 4789A	1.13	F

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YARN TENACITY  
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ACALA 1517V	14.8	A
ACALA 1517-70	14.3	B
ARIZ. 6608	13.6	C
AZ-64	12.8	D
LOCKETT 4789A	11.9	E
COKER 310	11.7	E
DELTAPINE 16	11.2	F

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MICRONAIRE  
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COKER 310	4.34	A
DELTAPINE 16	4.28	A
AZ-64	4.22	AB
ARIZ. 6608	4.11	ABC
ACALA 1517-70	4.01	BC
LOCKETT 4789A	3.97	C
ACALA 1517V	3.96	C

-----  
DRAWING SLIVER, UHM  
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ACALA 1517V	1.28	A
COKER 310	1.22	B
ACALA 1517-70	1.22	B
DELTAPINE 16	1.21	BC
ARIZ. 6608	1.19	CD
AZ-64	1.18	D
LOCKETT 4789A	1.17	D

-----  
DRAWING SLIVER, MEAN  
-----

ACALA 1517V	1.10	A
ACALA 1517-70	1.00	B
ARIZ. 6608	1.00	B
DELTAPINE 16	0.98	B
COKER 310	0.98	B
LOCKETT 4789A	0.97	B
AZ-64	0.96	B

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STELCOMETER - T0  
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ACALA 1517-70	50.3	A
ACALA 1517V	47.5	B
ARIZ. 6608	46.8	B
AZ-64	45.5	C
LOCKETT 4789A	42.1	D
COKER 310	41.8	D
DELTAPINE 16	39.0	E

-----  
STELCOMETER - T1  
-----

ACALA 1517V	24.1	A
ACALA 1517-70	23.0	B
ARIZ. 6608	22.6	BC
AZ-64	21.9	C
LOCKETT 4789A	19.9	D
COKER 310	19.8	D
DELTAPINE 16	19.4	D

-----  
STELCOMETER - E1  
-----

DELTAPINE 16	8.4	A
COKER 310	6.7	B
LOCKETT 4789A	6.6	BC
AZ-64	6.5	BC
ACALA 1517V	6.3	CD
ARIZ. 6608	6.0	DE
ACALA 1517-70	5.7	F

1973 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

-----  
COLORIMETER -RD  
-----

DELTAPINE 16	78	A
ACALA 1517V	77	B
LOCKETT 4789A	76	C
COKER 310	76	C
ACALA 1517-70	76	C
ARIZ. 6608	75	C
AZ-64	75	C

-----  
COLORIMETER -B  
-----

COKER 310	8.7	A
ACALA 1517-70	8.7	A
AZ-64	8.6	AB
ARIZ. 6608	8.6	AB
LOCKETT 4789A	8.5	AB
ACALA 1517V	8.4	BC
DELTAPINE 16	8.2	C

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UNIFORMITY RATIO  
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ACALA 1517V	86	A
ARIZ. 6608	84	AB
LOCKETT 4789A	83	BC
AZ-64	82	BCD
ACALA 1517-70	81	CD
DELTAPINE 16	81	CD
COKER 310	80	D

BRAWLEY, CAL.

VARIETY	•	•	BOLL SIZE	•	•	•	SPAN	•							
	•	YIELD	•	GRAM	•	NO.	•	LINT	•	SEED	•	LENGTH	•	YTEN	
	•	LB.	LINT	•	PER	•	PER	•	PCT.	•	INDEX	•	50	2.5	•
	•	PER	ACRE	•	BOLL	•	LB.	•		•		•	PCT.	PCT.	•

AZ-64	1766	A	5.17	88	40.2	11.5	.52	1.11	13.1
COKER 310	1628	A	4.73	96	38.4	10.9	.52	1.15	11.9
ARIZ. 6608	1543	AB	5.06	90	39.3	11.7	.54	1.12	13.9
DELTAPINE 16	1307	BC	5.01	91	36.3	10.3	.53	1.13	11.5
ACALA 1517V	1081	CD	5.20	88	36.1	12.4	.54	1.19	16.5
LOCKETT 4789A	1002	D	5.36	85	35.7	11.9	.49	1.09	12.2
ACALA 1517-70	979	D	4.98	91	34.3	13.0	.53	1.18	15.2

•	•	DRAWING	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
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AZ-64	4.21	1.16	0.98	52.3	25.2	5.3	72	8.2	85
COKER 310	4.30	1.20	1.00	45.3	21.6	5.9	74	8.1	84
ARIZ. 6608	4.05	1.16	0.98	52.3	24.8	5.3	73	8.2	85
DELTAPINE 16	4.67	1.17	1.01	42.6	21.3	7.3	76	7.1	86
ACALA 1517V	3.67	1.25	1.09	54.2	27.6	5.8	76	8.0	87
LOCKETT 4789A	4.10	1.14	0.98	46.4	21.5	5.7	75	7.9	87
ACALA 1517-70	3.70	1.20	0.97	56.2	25.8	5.0	75	7.9	81



1973 WESTERN REGIONAL COTTON VARIETY TEST  
PHOENIX, ARIZ.

VARIETY	. YIELD		. BOLL SIZE		. LINT PCT.	. SEED INDEX	. SPAN		. YTEN
	. LB.	. LINT PER ACRE	. GRAM PER BOLL	. NO. PER LB.			. LENGTH		
							. 50	. 2.5	
DELTAPINE 16	1763	A	5.90	77	36.7	11.8	.50	1.14	11.6
ARIZ. 6608	1662	AB	6.10	75	37.3	13.6	.58	1.17	14.8
COKER 310	1613	AB	5.65	81	37.9	12.2	.56	1.22	12.0
AZ-64	1544	B	6.10	75	37.8	13.0	.56	1.17	13.7
ACALA 1517V	1298	C	6.30	72	35.3	13.8	.59	1.23	15.8
ACALA 1517-70	1280	C	6.00	76	33.7	14.3	.54	1.18	15.5
LOCKETT 4789A	1263	C	6.15	74	34.7	13.1	.56	1.18	12.3
	. DRAWING		. STELOMETER		. COLORI-		. UNIF.		
	. MICRO-	. SLIVER				. METER	. RATIO		
	. NAIRE	. UHM	. MEAN	. TO	. T1	. E1	. RD	. B	
	.	.	.	.	.	.	.	.	.
DELTAPINE 16	4.99	1.25	0.98	39.8	20.4	8.0	80	8.4	79
ARIZ. 6608	4.71	1.24	1.03	48.7	24.3	5.4	76	8.9	84
COKER 310	5.00	1.27	1.03	44.2	21.0	6.0	78	9.1	81
AZ-64	4.84	1.25	1.01	46.7	23.4	5.9	76	8.8	81
ACALA 1517V	4.15	1.32	1.13	50.3	26.1	5.5	78	9.0	86
ACALA 1517-70	4.40	1.28	1.08	52.4	25.8	5.3	76	9.2	85
LOCKETT 4789A	4.53	1.23	1.04	43.9	20.9	6.1	77	8.9	85

ARTESIA, N.MEX.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN						
	. LB.	. LINT	. PER	. NO.			. LENGTH	. 50		. 2.5					
											. PER ACRE	. BOLL	. LB.	. PCT.	. PCT.
ARIZ. 6608	1452	A	6.85	67	38.7	13.6	.59	1.19	13.7						
COKER 310	1393	AB	6.57	70	39.8	11.9	.60	1.28	12.2						
ACALA 1517-70	1321	AB	7.17	63	37.6	14.2	.61	1.28	14.4						
ACALA 1517V	1320	AB	7.12	64	39.3	13.2	.59	1.22	15.0						
DELTAPINE 16	1264	B	6.60	69	38.6	12.2	.57	1.23	11.1						
AZ-64	1262	B	6.75	68	39.6	13.2	.62	1.26	12.9						
LOCKETT 4789A	1096	C	7.15	64	37.4	13.5	.56	1.18	12.2						

	. DRAWING		. STELOMETER		. COLORI-		. UNIF.					
	. MICRO-	. SLIVER	. TO	. T1	. E1	. RD		. B				
									. NAIRE	. UHM	. MEAN	. RATIO
ARIZ. 6608	3.98	1.23	1.05	43.4	21.9	7.2	76	8.4	86			
COKER 310	3.94	1.27	1.00	39.9	19.6	8.5	77	8.4	79			
ACALA 1517-70	3.73	1.29	1.08	46.1	23.0	6.9	76	8.7	84			
ACALA 1517V	3.71	1.29	1.12	44.1	23.4	7.3	78	8.0	87			
DELTAPINE 16	3.81	1.20	0.95	40.5	19.9	8.5	78	8.4	80			
AZ-64	4.04	1.24	1.03	42.3	21.0	8.0	76	8.2	84			
LOCKETT 4789A	4.06	1.21	0.98	40.3	20.2	7.5	77	8.3	81			

1973 WESTERN REGIONAL COTTON VARIETY TEST  
SAFFORD, ARIZ.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN		
	• LB.	• LINT	• GRAM	• NO.			• LENGTH				
							• 50	• 2.5			
							• PCT.	• PCT.			
	PER ACRE		PER BOLL	PER LB.	PCT.	INDEX					
AZ-64	1233	A	5.75	79	42.4	10.9	.53	1.15	12.7		
DELTAPINE 16	1227	A	5.70	80	41.6	10.1	.52	1.12	11.2		
ARIZ. 6608	1118	AB	5.60	81	41.4	11.0	.53	1.11	13.4		
ACALA 1517-70	1069	B	6.20	74	38.5	11.4	.52	1.16	13.9		
COKER 310	1061	B	5.25	87	43.2	9.8	.53	1.18	11.8		
ACALA 1517V	1027	B	6.30	72	40.4	11.8	.56	1.19	14.8		
LOCKETT 4789A	860	C	5.75	79	40.1	10.5	.50	1.10	11.7		

	• DRAWING		• STELOMETER		• COLORI-		• UNIF.		
	• MICRO-	• SLIVER	• TO	• T1	• E1	• METER			
						• RD			
						• B			
	NAIRE	UHM	MEAN				RATIO		
AZ-64	4.54	1.12	0.91	44.8	21.5	6.2	78	9.0	81
DELTAPINE 16	4.71	1.16	0.94	39.0	18.8	8.3	79	8.9	82
ARIZ. 6608	4.51	1.15	0.95	46.9	22.1	5.6	78	9.2	83
ACALA 1517-70	4.39	1.17	0.95	50.4	22.4	5.7	79	9.0	81
COKER 310	4.65	1.17	0.93	41.5	19.2	6.2	77	9.0	80
ACALA 1517V	4.24	1.20	1.05	47.7	23.8	6.2	79	8.6	87
LOCKETT 4789A	4.36	1.10	0.93	40.9	18.9	6.4	78	8.7	84

MARANA, ARIZ.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN		
	• LB.	• LINT	• GRAM	• NO.			• LENGTH				
							• 50	• 2.5			
							• PCT.	• PCT.			
	PER ACRE		PER BOLL	PER LB.		INDEX					
DELTAPINE 16	1037	A	5.85	78	37.7	10.8	.55	1.21	11.1		
COKER 310	913	AB	5.80	79	38.4	11.0	.55	1.21	11.8		
AZ-64	883	B	5.90	77	39.3	11.9	.54	1.17	12.5		
ACALA 1517V	863	B	6.65	69	35.9	12.4	.61	1.26	14.4		
ARIZ. 6608	807	B	5.90	77	38.6	12.0	.54	1.15	13.4		
ACALA 1517-70	791	B	6.25	73	35.6	12.4	.53	1.17	14.3		
LOCKETT 4789A	501	C	5.95	76	35.6	11.2	.51	1.12	11.7		

	• DRAWING		• STELOMETER		• COLORI-		• UNIF.		
	• MICRO-	• SLIVER	• TO	• T1	• E1	• METER			
						• RD			
						• B			
	NAIRE	UHM	MEAN				RATIO		
DELTAPINE 16	4.51	1.25	0.99	37.3	19.1	8.2	80	8.7	80
COKER 310	4.57	1.23	0.96	41.6	20.1	6.3	76	9.0	78
AZ-64	4.74	1.22	0.99	43.4	20.6	6.3	76	9.1	82
ACALA 1517V	4.34	1.29	1.06	46.7	23.6	5.9	77	8.6	83
ARIZ. 6608	4.56	1.21	1.02	45.2	21.8	5.9	77	9.1	84
ACALA 1517-70	4.32	1.24	0.97	49.2	23.4	5.6	77	9.1	79
LOCKETT 4789A	4.14	1.16	0.93	41.4	19.4	6.4	77	9.1	80

1973 WESTERN REGIONAL COTTON VARIETY TEST  
EL PASO, TEX.

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN			
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH 50 PCT.	2.5 PCT.				
DELTAPINE 16	877	A	6.64	68	37.9	---	.54	1.22	11.5			
ACALA 1517-70	859	A	6.98	65	37.4	---	.56	1.25	14.6			
AZ-64	822	A	6.48	70	39.2	---	.56	1.18	12.7			
ARIZ. 6608	818	A	6.73	68	38.6	---	.57	1.21	14.4			
COKER 310	802	A	6.50	70	40.7	---	.51	1.21	11.3			
LOCKETT 4789A	686	B	6.37	72	36.0	---	.54	1.17	12.3			
ACALA 1517V	505	C	6.98	65	38.2	---	.58	1.25	14.9			

VARIETY	DRAWING			STELOMETER			COLORI-		UNIF. RATIO
	MICRO- NAIRE	SLIVER UHM . MEAN	TO	T1	E1	METER RD . B			
DELTAPINE 16	4.11	1.28	1.11	38.0	18.6	9.4	80	8.3	86
ACALA 1517-70	4.13	1.32	1.14	48.5	21.7	6.3	78	8.8	86
AZ-64	4.19	1.23	1.03	43.5	20.8	6.7	78	8.7	84
ARIZ. 6608	3.83	1.23	1.02	45.2	23.4	6.1	78	9.0	83
COKER 310	4.26	1.29	1.07	41.5	19.5	7.1	78	8.6	83
LOCKETT 4789A	3.52	1.25	1.10	42.0	19.9	7.0	79	8.4	89
ACALA 1517V	3.71	1.35	1.20	46.6	23.6	6.4	80	8.7	89

LAS CR., N.MEX.

VARIETY	YIELD		BOLL SIZE		LINT	SEED	SPAN		YTEN
	LB.	LINT	GRAM	NO.			LENGTH	PCT.	
PER ACRE	PER BOLL	PER LB.	PCT.	50	2.5	PCT.	PCT.		
ACALA 1517-70	777	A	---	---	37.3	12.2	.54	1.18	13.9
ACALA 1517V	734	AB	---	---	37.6	12.3	.62	1.25	14.4
DELTAPINE 16	641	B	---	---	38.4	9.0	.54	1.18	10.5
AZ-64	474	C	---	---	38.2	11.6	.52	1.14	12.1
COKER 310	428	C	---	---	38.8	9.6	.51	1.20	11.3
ARIZ. 6608	366	C	---	---	37.0	10.8	.52	1.13	13.4
LOCKETT 4789A	270	C	---	---	37.5	11.9	.51	1.13	11.6
VARIETY	MICRO-NAIRE	DRAWING SLIVER		STELOMETER			COLORI-METER		UNIF. RATIO
		UHM	MEAN	TO	T1	E1	RD	B	
ACALA 1517-70	3.63	1.20	0.96	49.7	22.8	5.6	76	8.6	80
ACALA 1517V	3.69	1.30	1.11	45.8	22.9	6.6	78	8.1	86
DELTAPINE 16	3.73	1.21	0.99	36.8	18.3	8.9	77	8.6	82
AZ-64	3.38	1.13	0.85	45.7	21.3	6.6	76	8.7	75
COKER 310	4.08	1.21	0.95	39.4	18.6	6.9	77	8.9	79
ARIZ. 6608	3.15	1.20	1.02	46.2	21.4	6.4	75	8.2	86
LOCKETT 4789A	3.27	1.16	0.93	41.0	18.9	6.9	76	8.5	80



1973 WESTERN REGIONAL COTTON VARIETY TEST  
PAHRUMP, NEV.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN
	• LB. LINT		• GRAM • NO.				• LENGTH		
	• PER ACRE		• PER • PER				• 50 2.5		
			• BOLL • LB.				• PCT. PCT.		
DELTAPINE 16	377	A	4.62	99	31.1	11.5	.47	1.12	11.2
ARIZ. 6608	347	A	5.76	80	36.3	12.5	.48	1.08	11.9
LOCKETT 4789A	342	A	5.28	86	31.8	12.0	.47	1.09	11.0
COKER 310	312	AB	4.88	93	33.5	11.5	.49	1.14	11.1
AZ-64	227	AB	4.84	94	31.7	11.0	.48	1.08	12.6
ACALA 1517-70	159	B	4.73	97	29.9	12.0	.46	1.09	12.2
	• DRAWING		• STELOMETER		• COLORI-		• UNIF.		
	• MICRO-• SLIVER		• TO • T1		• METER				
	• NAIRE • UHM • MEAN		• TO • T1		• RD • B				
DELTAPINE 16	3.69	1.14	0.88	37.8	18.4	8.5	79	7.1	77
ARIZ. 6608	4.07	1.12	0.93	46.5	20.6	5.8	70	7.4	84
LOCKETT 4789A	3.79	1.09	0.88	41.2	19.0	6.9	76	7.7	80
COKER 310	3.91	1.11	0.86	41.2	18.5	6.7	76	7.9	78
AZ-64	3.79	1.07	0.88	44.8	20.9	6.6	73	7.9	82
ACALA 1517-70	3.74	1.06	0.81	49.6	18.8	5.3	75	7.8	77

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN				
	• LB. PER ACRE	• LINT	• GRAM	• NO.			• LENGTH						
							• PER	• PER		• PCT.	• INDEX	• 50	• 2.5
T 4852	954	A	7.30	63	39.0	11.4	.53	1.17	14.4				
ACALA SJ-2	953	A	7.15	64	37.8	12.5	.53	1.17	13.4				
T 1307	923	AB	7.30	63	38.8	11.8	.53	1.15	13.8				
ACALA SJ-1	913	ABC	7.08	65	37.1	12.6	.52	1.17	13.5				
COKER 310	898	ABC	6.05	76	40.0	9.9	.49	1.19	11.8				
ACALA 1517-70	859	BC	6.87	66	36.7	11.9	.52	1.18	14.3				
DELTAPINE 16	840	C	6.11	75	37.9	10.2	.48	1.16	11.2				
LOCKETT 4789A	685	D	6.40	71	36.6	10.8	.48	1.13	11.7				

	• DRAWING •			• STELOMETER •			• COLORI- •		• UNIF. •
	• MICRO- •	• SLIVER •		• TO •	• T1 •	• E1 •	• RD •	• B •	• RATIO •
	• NAIRE •	• UHM •	• MEAN •						
T 4852	4.28	1.17	0.98	49.2	23.7	6.2	75	8.0	83
ACALA SJ-2	4.25	1.19	1.00	46.2	21.8	6.2	74	8.0	84
T 1307	4.45	1.17	0.99	46.3	22.9	6.5	73	8.1	85
ACALA SJ-1	4.28	1.19	0.99	47.2	22.4	6.0	73	8.1	84
COKER 310	4.09	1.18	0.94	42.3	19.3	6.7	74	8.0	80
ACALA 1517-70	3.96	1.19	0.96	50.5	22.5	5.5	74	8.1	80
DELTAPINE 16	3.94	1.16	0.93	39.4	18.6	8.5	75	7.8	80
LOCKETT 4789A	3.72	1.14	0.93	42.2	19.2	6.8	74	7.9	82

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN						
	• LB.	• LINT	• GRAM	• NO.			• LENGTH	•							
										• PER	• PER	• PCT.	• INDEX	• 50	• 2.5
KERMAN, CAL.	1213	A	7.15	64	40.5	11.9	.53	1.18	13.1						
WASCO, CAL.	1177	A	7.01	65	38.5	11.1	.50	1.17	12.4						
CORCORAN, CAL.	1147	A	6.43	71	39.1	11.0	.52	1.17	13.5						
ARVIN, CAL.	935	B	6.95	66	38.5	11.2	.50	1.13	13.6						
DINUBA, CAL.	841	C	6.55	70	38.3	11.1	.49	1.15	12.9						
TULARE, CAL.	804	C	5.60	82	38.7	10.6	.50	1.14	12.7						
COALINGA, CAL.	796	C	7.17	64	36.5	11.7	.52	1.16	12.7						
CHOWCHI'A, CAL.	633	D	6.80	68	37.5	12.1	.51	1.15	13.0						
FIREBAUGH, CAL.	359	E	7.39	62	34.4	12.0	.53	1.23	13.2						

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
KERMAN, CAL.	4.38	1.18	0.99	44.5	21.0	7.1	74	8.0	84
WASCO, CAL.	4.12	1.18	0.97	44.2	20.9	6.9	75	7.7	82
CORCORAN, CAL.	4.32	1.18	0.99	46.7	21.7	6.1	74	8.6	83
ARVIN, CAL.	4.28	1.19	0.97	46.5	21.9	6.1	76	8.2	81
DINUBA, CAL.	4.12	1.16	0.94	46.7	21.8	6.1	74	7.4	81
TULARE, CAL.	4.23	1.13	0.92	47.3	22.0	6.3	74	7.9	81
COALINGA, CAL.	4.41	1.16	0.96	46.1	21.2	6.3	74	9.1	83
CHOWCHI'A, CAL.	4.13	1.16	0.96	45.0	20.8	6.6	73	7.8	83
FIREBAUGH, CAL.	3.09	1.22	1.00	41.9	20.4	7.4	70	7.1	82

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL			LINT PCT.		
T 4852	7.30	A	COKER 310	40.0	A
T 1307	7.30	A	T 4852	39.0	B
ACALA SJ-2	7.15	A	T 1307	38.8	B
ACALA SJ-1	7.08	AB	DELTAPINE 16	37.9	C
ACALA 1517-70	6.87	B	ACALA SJ-2	37.8	CD
LOCKETT 4789A	6.40	C	ACALA SJ-1	37.1	DE
DELTAPINE 16	6.11	D	ACALA 1517-70	36.7	E
COKER 310	6.05	D	LOCKETT 4789A	36.6	E
BOLL SIZE, NO. PER LB.			SEED INDEX		
COKER 310	76	A	ACALA SJ-1	12.6	A
DELTAPINE 16	75	A	ACALA SJ-2	12.5	A
LOCKETT 4789A	71	B	ACALA 1517-70	11.9	B
ACALA 1517-70	66	C	T 1307	11.8	B
ACALA SJ-1	65	CD	T 4852	11.4	C
ACALA SJ-2	64	CD	LOCKETT 4789A	10.8	D
T 1307	63	D	DELTAPINE 16	10.2	E
T 4852	63	D	COKER 310	9.9	E



1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
REGIONAL SUMMARY

-----  
SPAN LENGTH, 50 PCT.  
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T 4852	0.53	A
T 1307	0.53	A
ACALA SJ-2	0.53	A
ACALA SJ-1	0.52	A
ACALA 1517-70	0.52	A
COKER 310	0.49	B
LOCKETT 4789A	0.48	B
DELTAPINE 16	0.48	B

-----  
SPAN LENGTH, 2.5 PCT.  
-----

COKER 310	1.19	A
ACALA 1517-70	1.18	AB
ACALA SJ-2	1.17	BC
T 4852	1.17	BC
ACALA SJ-1	1.17	BC
DELTAPINE 16	1.16	CD
T 1307	1.15	D
LOCKETT 4789A	1.13	E

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YARN TENACITY  
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T 4852	14.4	A
ACALA 1517-70	14.3	A
T 1307	13.8	B
ACALA SJ-1	13.5	C
ACALA SJ-2	13.4	C
COKER 310	11.8	D
LOCKETT 4789A	11.7	D
DELTAPINE 16	11.2	E

-----  
MICRONAIRE  
-----

T 1307	4.45	A
T 4852	4.28	B
ACALA SJ-1	4.28	B
ACALA SJ-2	4.25	B
COKER 310	4.09	C
ACALA 1517-70	3.96	CD
DELTAPINE 16	3.94	D
LOCKETT 4789A	3.72	E

-----  
DRAWING SLIVER, UHM  
-----

ACALA SJ-1	1.19	A
ACALA SJ-2	1.19	A
ACALA 1517-70	1.19	A
COKER 310	1.18	AB
T 4852	1.17	BC
T 1307	1.17	BC
DELTAPINE 16	1.16	C
LOCKETT 4789A	1.14	D

-----  
DRAWING SLIVER, MEAN  
-----

ACALA SJ-2	1.00	A
ACALA SJ-1	0.99	A
T 1307	0.99	A
T 4852	0.98	AB
ACALA 1517-70	0.96	BC
COKER 310	0.94	CD
DELTAPINE 16	0.93	D
LOCKETT 4789A	0.93	D

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
REGIONAL SUMMARY

-----  
STELOMETER - T0  
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ACALA 1517-70	50.5	A
T 4852	49.2	B
ACALA SJ-1	47.2	C
T 1307	46.3	C
ACALA SJ-2	46.2	C
COKER 310	42.3	D
LOCKETT 4789A	42.2	D
DELTAPINE 16	39.4	E

-----  
STELOMETER - T1  
-----

T 4852	23.7	A
T 1307	22.9	B
ACALA 1517-70	22.5	B
ACALA SJ-1	22.4	B
ACALA SJ-2	21.8	C
COKER 310	19.3	D
LOCKETT 4789A	19.2	D
DELTAPINE 16	18.6	E

-----  
STELOMETER - E1  
-----

DELTAPINE 16	8.5	A
LOCKETT 4789A	6.8	B
COKER 310	6.7	BC
T 1307	6.5	C
T 4852	6.2	D
ACALA SJ-2	6.2	D
ACALA SJ-1	6.0	D
ACALA 1517-70	5.5	E

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COLORIMETER -RD  
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T 4852	75	A
DELTAPINE 16	75	A
COKER 310	74	B
ACALA SJ-2	74	B
LOCKETT 4789A	74	B
ACALA SJ-1	73	C
T 1307	73	C
ACALA 1517-70	73	C

-----  
COLORIMETER -B  
-----

ACALA 1517-70	8.1	A
ACALA SJ-1	8.1	A
T 1307	8.1	A
T 4852	8.0	AB
COKER 310	8.0	AB
ACALA SJ-2	8.0	AB
LOCKETT 4789A	7.9	BC
DELTAPINE 16	7.8	C

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UNIFORMITY RATIO  
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T 1307	85	A
ACALA SJ-1	84	AB
ACALA SJ-2	84	AB
T 4852	83	BC
LOCKETT 4789A	82	C
COKER 310	80	D
DELTAPINE 16	80	D
ACALA 1517-70	80	D

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
KERMAN, CAL.

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTEN
	• LB. LINT		• GRAM • NO.				• LENGTH		
	• PER ACRE		• PER • PER				• 50 2.5		
			• BOLL • LB.				• PCT. PCT.		
COKER 310	1333	A	6.40	71	43.1	10.2	.53	1.21	11.8
ACALA SJ-2	1310	AB	7.51	61	40.3	12.8	.55	1.19	13.5
T 4852	1240	BC	7.63	60	40.8	11.9	.54	1.17	14.5
ACALA SJ-1	1227	C	7.51	61	39.5	13.6	.55	1.18	13.8
T 1307	1203	C	7.87	58	40.3	12.2	.54	1.13	14.0
DELTAPINE 16	1201	C	6.43	71	41.3	10.6	.51	1.17	10.8
ACALA 1517-70	1185	C	6.80	67	39.3	12.1	.54	1.21	14.6
LOCKETT 4789A	1005	D	7.04	65	39.1	11.7	.50	1.15	11.6

	. DRAWING .			. STELOMETER .			. COLORI- .		. UNIF. . RATIO
	. MICRO- . SLIVER .			. . .			. METER .		
	. NAIRE . UHM . MEAN .			. TO . T1 . E1 .			. RD . B .		
	. . .			. . .			. . .		
COKER 310	4.61	1.19	0.98	40.9	18.7	7.2	74	7.9	83
ACALA SJ-2	4.56	1.20	1.01	44.5	21.4	6.6	74	8.1	85
T 4852	4.35	1.16	0.97	47.7	23.5	6.9	75	8.1	84
ACALA SJ-1	4.49	1.21	1.04	46.5	21.5	6.0	74	8.2	87
T 1307	4.76	1.15	0.99	46.9	23.3	7.0	74	8.1	86
DELTAPINE 16	4.19	1.15	0.94	38.1	18.0	8.9	75	7.6	82
ACALA 1517-70	4.16	1.20	0.96	49.3	22.1	6.1	74	8.2	80
LOCKETT 4789A	3.94	1.16	0.98	41.9	19.4	7.4	73	7.9	85



1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
CORCORAN, CAL.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN
	• LB. LINT		• GRAM • NO.				• LENGTH		
	• PER ACRE		• PER • PER				• 50 2.5		
			• BOLL • LB.				• PCT. PCT.		
T 4852	1272	A	7.05	65	40.5	11.3	.53	1.16	14.7
ACALA SJ-2	1217	AB	6.97	66	39.1	12.2	.53	1.18	13.8
COKER 310	1210	AB	5.41	84	41.2	9.0	.50	1.20	12.2
T 1307	1202	AB	7.27	63	39.6	11.5	.55	1.16	13.9
ACALA SJ-1	1195	AB	6.84	67	38.9	12.3	.53	1.19	14.2
ACALA 1517-70	1141	BC	6.35	71	38.1	11.7	.52	1.18	15.2
DELTAPINE 16	1076	C	5.54	82	39.0	9.3	.48	1.14	11.7
LOCKETT 4789A	866	D	6.01	76	36.6	10.5	.48	1.11	12.2

	• DRAWING			• STELOMETER			• COLORI-		• UNIF.
	• MICRO-• SLIVER			• TO • T1 • E1			• METER		
	• NAIRE • UHM • MEAN			• RD • B			• RATIO		
T 4852	4.52	1.17	0.99	50.8	24.0	5.7	76	8.6	85
ACALA SJ-2	4.36	1.21	1.05	47.4	22.3	5.9	74	8.7	87
COKER 310	4.38	1.19	0.96	44.0	19.9	6.0	75	8.5	81
T 1307	4.63	1.17	1.00	48.2	23.4	6.1	74	8.7	86
ACALA SJ-1	4.43	1.20	1.02	47.9	22.4	5.7	74	8.8	85
ACALA 1517-70	4.17	1.22	1.00	52.1	22.7	5.1	74	8.8	82
DELTAPINE 16	4.24	1.15	0.93	40.5	18.8	7.7	76	8.3	81
LOCKETT 4789A	3.84	1.13	0.93	42.9	19.9	6.0	74	8.2	82

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
WASCO, CAL.

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• Y TEN
	• LB.	• LINT • PER ACRE	• GRAM • PER BOLL	• NO. • PER LB.			• LENGTH		
							• 50	• 2.5	
T 1307	1253	A	6.92	66	39.3	11.4	.52	1.14	13.3
T 4852	1247	A	7.32	62	40.0	11.0	.52	1.16	13.5
ACALA SJ-2	1231	AB	7.57	60	39.1	11.7	.52	1.15	12.9
ACALA SJ-1	1231	AB	7.66	60	38.1	12.3	.50	1.15	12.9
COKER 310	1228	AB	6.34	72	40.0	9.3	.49	1.20	11.6
DELTAPINE 16	1165	BC	6.96	66	38.6	10.7	.48	1.17	10.7
ACALA 1517-70	1130	C	7.03	65	36.2	12.0	.49	1.17	12.9
LOCKETT 4789A	927	D	6.26	73	36.6	10.7	.49	1.16	11.3

	• DRAWING		• STELOMETER		• COLORI-		• UNIF. • RATIO		
	• MICRO- • NAIRE	• SLIVER • UHM	• MEAN	• TO	• T1	• E1		• RD	• B
T 1307	4.55	1.17	0.98	44.1	21.8	6.5	73	7.8	84
T 4852	4.35	1.17	0.95	47.2	22.3	6.2	76	7.8	81
ACALA SJ-2	4.21	1.19	0.97	44.9	21.2	6.3	75	7.6	82
ACALA SJ-1	4.44	1.18	1.00	44.0	21.7	6.2	74	7.9	85
COKER 310	3.94	1.19	0.96	42.4	20.1	7.6	75	7.7	81
DELTAPINE 16	3.96	1.17	0.97	39.0	18.6	9.3	77	7.5	84
ACALA 1517-70	3.83	1.20	0.95	49.7	22.1	5.6	75	7.6	80
LOCKETT 4789A	3.65	1.13	0.94	42.1	19.2	7.3	75	7.7	83

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
ARVIN, CAL.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN
	• LB. LINT		• GRAM				• LENGTH		
	• PER ACRE		• PER	• PER			• 50	• 2.5	
			• BOLL	• LB.			• PCT.	• PCT.	
T 4852	1123	A	7.50	61	39.5	11.5	.53	1.16	15.6
ACALA SJ-1	1090	A	7.10	64	37.1	12.1	.53	1.16	14.0
ACALA SJ-2	1087	A	7.23	63	38.2	12.3	.51	1.14	13.8
T 1307	934	B	7.89	58	40.0	11.4	.53	1.13	14.1
ACALA 1517-70	926	B	7.22	63	36.4	11.5	.52	1.15	15.0
COKER 310	907	B	6.19	74	40.4	10.2	.48	1.14	13.0
DELTAPINE 16	775	C	6.36	71	38.4	10.3	.46	1.11	11.1
LOCKETT 4789A	636	D	6.13	74	37.6	10.2	.45	1.07	11.7

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
T 4852	4.48	1.21	1.01	51.6	25.1	5.6	76	7.8	84
ACALA SJ-1	4.42	1.21	1.00	49.0	23.6	5.5	76	8.4	82
ACALA SJ-2	4.29	1.20	1.00	47.7	22.7	5.8	76	8.2	83
T 1307	4.50	1.18	0.99	46.6	23.6	6.3	75	8.3	84
ACALA 1517-70	4.08	1.20	0.95	52.8	23.8	5.1	76	8.4	79
COKER 310	4.37	1.18	0.94	41.0	19.0	6.4	77	8.3	79
DELTAPINE 16	4.19	1.15	0.90	39.4	18.4	7.7	78	8.0	79
LOCKETT 4789A	3.94	1.14	0.92	43.3	18.8	6.2	77	8.1	81



1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
TULARE, CAL.

VARIETY									
	•	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAM	NO.	LINT	SEED	SPAN	LENGTH	YTEN
	LB. LINT	PER	PER	PER	PCT.	INDEX	50	2.5	
	PER ACRE	BOLL	LB.				PCT.	PCT.	
ACALA SJ-2	928 A	5.83	78	37.9	12.0	.53	1.16	13.2	
ACALA SJ-1	886 AB	5.49	83	38.1	11.8	.54	1.18	13.7	
T 1307	857 ABC	6.14	74	40.0	11.0	.53	1.12	13.2	
T 4852	837 ABCD	5.86	78	38.5	10.8	.51	1.13	14.0	
DELTAPINE 16	807 BCD	5.11	89	37.8	9.0	.47	1.11	10.8	
COKER 310	762 CD	4.56	92	40.4	9.2	.49	1.18	11.2	
ACALA 1517-70	729 D	5.92	77	38.8	11.0	.50	1.15	14.0	
LOCKETT 4789A	625 E	5.45	83	37.9	10.4	.45	1.09	11.5	

	•	•	•	•	•	•	•	•	•
	DRAWING	STELOMETER	COLORI-						
	MICRO-	SLIVER	METER	UNIF.					
	NAIRE	UHM	MEAN	TO	T1	E1	PD	B	RATIO
ACALA SJ-2	4.49	1.15	0.94	47.4	23.4	6.0	74	8.0	82
ACALA SJ-1	4.46	1.15	0.95	50.0	23.8	5.7	73	8.3	83
T 1307	4.60	1.12	0.96	47.5	23.8	6.3	73	7.6	86
T 4852	4.43	1.12	0.90	51.7	24.7	6.0	75	7.9	81
DELTAPINE 16	4.01	1.11	0.88	40.7	19.1	8.1	76	7.6	80
COKER 310	4.01	1.13	0.87	43.2	19.1	6.5	74	7.8	78
ACALA 1517-70	4.12	1.15	0.93	54.4	22.6	5.1	75	8.1	81
LOCKETT 4789A	3.71	1.08	0.87	43.3	19.3	6.3	75	7.5	81

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
DINUBA, CAL.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN			
	• LB.	LINT	• GRAM	• NO.			• LENGTH					
							• 50	2.5				
	• PER ACRE	• PER	• PER	• LB.	• PCT.	• INDEX	• PCT.	• PCT.				
ACALA SJ-2	920	A	6.63	69	38.3	12.0	.52	1.17	13.3			
T 4852	898	AB	6.99	65	39.9	10.7	.49	1.14	14.4			
ACALA 1517-70	897	AB	6.75	67	36.6	11.7	.49	1.16	13.8			
T 1307	892	AB	6.81	67	39.5	11.5	.52	1.14	13.8			
COKER 310	871	ABC	6.03	75	40.1	9.5	.46	1.18	11.3			
ACALA SJ-1	836	BC	6.94	66	37.1	12.2	.51	1.16	13.4			
DELTAPINE 16	798	C	6.01	76	39.0	10.1	.46	1.13	11.0			
LOCKETT 4789A	617	D	6.23	73	35.3	10.8	.46	1.11	11.7			

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
ACALA SJ-2	4.23	1.19	0.98	47.1	22.1	6.1	75	7.5	82
T 4852	4.50	1.16	0.95	51.8	24.5	5.5	75	7.3	82
ACALA 1517-70	4.01	1.17	0.93	50.9	22.8	5.1	72	7.3	80
T 1307	4.61	1.14	0.94	48.5	23.5	5.7	74	7.6	83
COKER 310	3.90	1.16	0.91	43.2	19.8	6.2	72	7.1	79
ACALA SJ-1	4.15	1.18	0.96	48.2	22.7	5.9	72	7.3	81
DELTAPINE 16	3.96	1.14	0.90	40.5	19.5	8.0	75	7.3	79
LOCKETT 4789A	3.56	1.12	0.92	43.1	19.2	6.5	76	7.5	82

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
COALINGA, CAL.

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTEN
	• LB.	• LINT • PER ACRE	• GRAM • PER BOLL	• NO. • LB.			• LENGTH		
							• 50	• 2.5	
T 4852	889	A	7.61	60	38.0	11.4	.53	1.17	14.2
DELTAPINE 16	877	A	6.23	73	37.3	10.2	.50	1.17	11.2
COKER 310	840	A	6.60	69	38.3	10.9	.50	1.17	11.3
ACALA SJ-2	793	A	7.80	59	36.1	13.6	.53	1.16	13.0
T 1307	763	A	7.71	59	36.0	12.1	.53	1.15	13.4
ACALA SJ-1	744	A	7.12	64	34.8	12.5	.51	1.14	12.9
LOCKETT 4789A	734	A	7.07	64	36.4	11.0	.50	1.12	11.3
ACALA 1517-70	725	A	7.18	64	35.1	11.8	.51	1.17	14.2

	• DRAWING			• STELMETER			• COLORI-		• UNIF. • RATIO
	• MICRO- • NAIRE	• SLIVER • UHM	• MEAN	• TO	• T1	• E1	• METER		
							• RD	• B	
T 4852	4.37	1.16	0.98	48.0	23.2	6.1	76	8.8	84
DELTAPINE 16	4.26	1.16	0.93	39.3	18.0	8.4	76	9.0	80
COKER 310	4.74	1.17	0.97	43.5	18.9	6.3	74	9.3	83
ACALA SJ-2	4.45	1.15	0.95	48.7	22.0	5.7	73	9.2	83
T 1307	4.51	1.17	1.01	46.5	22.1	6.2	73	8.9	87
ACALA SJ-1	4.52	1.16	0.96	49.1	22.6	5.9	73	9.1	84
LOCKETT 4789A	4.18	1.13	0.94	42.8	19.3	6.8	74	8.9	83
ACALA 1517-70	4.22	1.17	0.94	50.6	22.9	5.0	75	9.1	81



1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
CHOWCHILLA, CAL.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM NO. PER PER BOLL LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 2.5 PCT. PCT.	YTEN
T 4852	796 A	7.71 59	38.8	12.2	.54 1.16	14.3
T 1307	741 AB	7.24 63	39.2	12.8	.53 1.13	14.3
ACALA 1517-70	683 BC	6.83 67	36.1	12.7	.51 1.16	14.1
ACALA SJ-2	657 C	7.11 64	37.2	13.2	.51 1.15	13.0
ACALA SJ-1	638 C	7.32 62	36.6	13.4	.51 1.16	13.4
DELTAPINE 16	635 C	5.84 78	37.3	10.5	.48 1.15	11.6
COKER 310	524 D	5.98 77	39.2	10.4	.47 1.16	11.5
LOCKETT 4789A	387 E	6.34 72	35.2	11.3	.47 1.12	11.9

	MICRO- NAIRE	DRAWING SLIVER UHM MEAN	STELOMETER TO T1 E1	COLORI- METER RD B	UNIF. RATIO
T 4852	4.41	1.17 1.01	48.4 23.1 6.3	74 7.8	86
T 1307	4.57	1.15 0.99	46.0 22.5 6.5	73 8.2	86
ACALA 1517-70	3.97	1.17 0.95	50.1 21.9 5.5	74 7.9	81
ACALA SJ-2	4.29	1.18 0.99	44.9 21.1 6.0	73 7.6	85
ACALA SJ-1	4.32	1.14 0.92	47.4 22.2 5.9	73 7.9	81
DELTAPINE 16	3.87	1.17 0.96	39.6 18.6 8.4	74 7.4	82
COKER 310	3.91	1.18 0.95	42.4 19.1 6.6	73 7.8	81
LOCKETT 4789A	3.64	1.12 0.92	41.0 18.1 7.0	74 7.8	82

1973 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST  
FIREBAUGH, CAL.

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTEN
	• LB. • PER ACRE	• LINT	• GRAM	• NO.			• LENGTH		
							• 50	• 2.5	
T 1307	463	A	7.79	59	35.1	12.2	.54	1.21	13.8
ACALA SJ-2	431	AB	7.72	59	34.1	12.9	.53	1.21	13.7
COKER 310	411	AB	6.54	70	37.1	10.6	.50	1.25	12.0
LOCKETT 4789A	372	BC	7.06	65	34.6	11.0	.49	1.19	11.9
ACALA SJ-1	371	BC	7.75	59	33.5	13.4	.52	1.23	13.5
ACALA 1517-70	315	CD	7.74	59	33.0	13.0	.57	1.29	14.8
T 4852	285	D	7.98	57	35.1	11.7	.54	1.23	14.4
DELTAPINE 16	224	E	6.53	70	32.3	11.2	.49	1.23	11.5

	• DRAWING		• STELOMETER		• COLORI-		• UNIF. • RATIO			
	• MICRO- • NAIRE	• SLIVER	• UHM	• MEAN	• TO	• T1		• E1	• RD	• B
T 1307	3.29	1.22	1.07	42.5	22.0	7.3	68	7.3	88	
ACALA SJ-2	3.34	1.22	1.05	43.0	20.3	6.9	70	7.0	87	
COKER 310	2.89	1.20	0.93	39.8	18.8	7.7	70	7.0	78	
LOCKETT 4789A	3.01	1.18	0.96	39.6	19.3	7.7	71	7.0	82	
ACALA SJ-1	3.29	1.24	1.07	42.9	20.8	6.9	69	6.9	86	
ACALA 1517-70	3.02	1.27	1.02	44.2	21.7	6.4	69	6.9	81	
T 4852	3.09	1.23	1.02	45.3	22.4	7.0	70	7.3	83	
DELTAPINE 16	2.79	1.18	0.90	37.6	17.9	9.4	72	7.2	77	

1973 NARROW ROW REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX
		GRAM PER BOLL	NO. PER LB.		

Double Drill

STONEVILLE 213	1161 A	5.70	80	38.2	11.1
COKER 310	1111 A	5.83	78	39.2	10.5
DELTAPINE 16	1058 A	6.29	72	37.1	11.2
STONEVILLE 603	1000 A	5.83	78	36.5	11.5
LOCKETT 4789A	987 A	6.71	68	35.1	12.4

Single Drill

STONEVILLE 213	1354 A	5.44	83	37.6	10.7
COKER 310	1121 AB	5.38	84	38.5	10.5
DELTAPINE 16	1191 A	5.78	78	37.3	10.7
STONEVILLE 603	1107 AB	5.47	83	36.9	11.0
LOCKETT 4789A	884 B	5.94	76	35.3	11.9

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX
		GRAM PER BOLL	NO. PER LB.		

Double Drill

FLORENCE, S.C.	1458 A	6.39	71	36.5	11.4
JACKSON, TENN.	668 B	5.74	79	37.9	11.2

Single Drill

FLORENCE, S.C.	1500 A	5.99	76	36.4	11.2
JACKSON, TENN.	763 B	5.21	87	37.8	10.7

1973 NARROW ROW REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL		LINT PCT.	
Double Drill		Double Drill	
LOCKETT 4789A	6.71 A	COKER 310	39.2 A
DELTAPINE 16	6.29 A	STONEVILLE 213	38.2 AB
COKER 310	5.83 BC	DELTAPINE 16	37.1 ABC
STONEVILLE 603	5.83 BC	STONEVILLE 603	36.5 BC
STONEVILLE 213	5.70 C	LOCKETT 4789A	35.1 C
Single Drill		Single Drill	
LOCKETT 4789A	5.94 A	COKER 310	38.5 A
DELTAPINE 16	5.78 AB	STONEVILLE 213	37.6 A
COKER 310	5.38 C	DELTAPINE 16	37.3 A
STONEVILLE 603	5.47 BC	STONEVILLE 603	36.9 A
STONEVILLE 213	5.44 BC	LOCKETT 4789A	35.3 A
BOLL SIZE, NO. PER LB.		SEED INDEX	
Double Drill		Double Drill	
STONEVILLE 213	80 A	LOCKETT 4789A	12.4 A
COKER 310	78 AB	STONEVILLE 603	11.5 AB
STONEVILLE 603	78 AB	DELTAPINE 16	11.2 BC
DELTAPINE 16	72 C	STONEVILLE 213	11.1 BC
LOCKETT 4789A	68 C	COKER 310	10.5 C
Single Drill		Single Drill	
STONEVILLE 213	83 A	LOCKETT 4789A	11.9 A
COKER 310	84 A	STONEVILLE 603	11.0 AB
STONEVILLE 603	83 A	DELTAPINE 16	10.7 B
DELTAPINE 16	78 B	STONEVILLE 213	10.7 B
LOCKETT 4789A	76 B	COKER 310	10.5 B



1973 NARROW ROW REGIONAL COTTON VARIETY TEST  
FLORENCE, S.C.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX
		GRAM	NO.		
		PER BOLL	PER LB.		
Double Drill					
STONEVILLE 213	1604 A	6.18	73	36.8	11.4
COKER 310	1563 B	5.88	77	38.8	10.5
DELTAPINE 16	1453 C	6.53	69	37.1	10.8
STONEVILLE 603	1359 D	6.35	71	35.8	11.8
LOCKETT 4789A	1314 E	7.04	64	34.3	12.9
Single Drill					
STONEVILLE 213	1768 A	5.72	79	35.7	11.1
COKER 310	1548 C	5.65	80	38.9	10.6
DELTAPINE 16	1603 B	6.23	73	38.2	10.8
STONEVILLE 603	1321 D	5.81	78	35.7	10.9
LOCKETT 4789A	1262 E	6.55	69	33.7	12.9

JACKSON, TENN.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE		LINT PCT.	SEED INDEX
		GRAM	NO.		
		PER BOLL	PER LB.		
<hr/>					
Double Drill					
<hr/>					
LOCKETT 4789A	950 A	6.38	71	35.9	11.9
STONEVILLE 213	718 A	5.22	87	39.6	10.8
DELTAPINE 16	663 A	6.06	75	37.2	11.6
COKER 310	658 A	5.77	79	39.6	10.6
STONEVILLE 603	642 A	5.30	86	37.3	11.3
<hr/>					
Single Drill					
<hr/>					
LOCKETT 4789A	507 C	5.32	85	37.0	10.9
STONEVILLE 213	940 A	5.16	88	39.6	10.3
DELTAPINE 16	780 AB	5.33	85	36.4	10.6
COKER 310	684 BC	5.11	89	36.7	10.9
STONEVILLE 603	894 AB	5.14	88	38.1	11.1

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN				
	• LB. LINT	• PER ACRE	• GRAM	• NO.			• LENGTH						
							• PER	• LB.		• PCT.	• INDEX	• 50	2.5
LADASS 5175	1072	A	5.87	78	39.5	11.1	.53	1.15	12.5				
DELTAPINE 16	1016	AB	6.37	72	39.0	11.4	.55	1.19	11.8				
BRYCOT 350	1014	ABC	6.12	75	38.4	11.6	.54	1.16	11.9				
PD 9222	1012	ABC	5.57	82	39.7	11.2	.55	1.19	13.5				
BRYCOT 324	1011	ABC	6.13	75	38.2	11.5	.54	1.16	11.9				
COKER 310	1007	ABC	6.23	73	39.8	11.3	.56	1.24	12.1				
PD 9241	1004	ABC	5.67	81	39.0	11.5	.56	1.19	13.5				
COKER 71105	1001	ABC	6.40	71	37.9	11.5	.56	1.20	13.2				
PD 9223	998	ABC	5.58	82	39.4	11.5	.56	1.21	13.5				
STONEVILLE 151	989	ABC	5.87	78	38.2	12.0	.54	1.18	12.3				
BAYOU 7769	968	ABC	6.02	76	38.2	11.5	.55	1.18	13.1				
CP 0803	943	BC	6.00	77	35.9	12.2	.55	1.19	13.4				
PD 9232	932	BCD	5.52	83	39.8	11.3	.55	1.16	13.6				
MCNAIR 71418	907	BCD	6.93	66	37.5	13.3	.54	1.16	12.0				
COKER 71500	905	BCD	6.14	74	38.5	11.3	.56	1.22	12.8				
PD 9363	901	CD	5.95	77	37.5	11.9	.58	1.20	13.6				
DPL 6532	831	D	6.54	70	35.7	13.2	.60	1.25	14.7				
ACALA 1517-70	640	E	5.89	78	36.5	11.9	.53	1.18	14.1				

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
LADASS 5175	4.69	1.17	0.97	44.3	20.6	6.0	75	8.3	82
DELTAPINE 16	4.58	1.23	1.04	37.8	18.9	8.8	76	8.3	84
BRYCOT 350	4.63	1.19	0.98	42.9	19.6	6.2	75	8.5	83
PD 9222	4.39	1.21	1.00	45.5	21.6	5.9	74	8.2	83
BRYCOT 324	4.61	1.19	0.99	43.0	19.7	6.2	74	8.5	83
COKER 310	4.49	1.28	1.05	41.3	19.7	6.8	74	8.6	83
PD 9241	4.30	1.22	1.04	42.9	21.5	6.9	74	8.2	85
COKER 71105	4.33	1.23	1.03	43.9	21.2	6.1	74	8.4	83
PD 9223	4.25	1.22	1.00	45.9	21.8	5.6	74	8.2	82
STONEVILLE 151	4.56	1.21	0.99	43.5	20.5	6.0	73	8.6	82
BAYOU 7769	4.30	1.19	1.00	42.5	21.3	7.0	75	8.6	84
CP 0803	4.39	1.22	1.02	45.9	21.8	5.6	74	8.1	84
PD 9232	4.56	1.20	1.00	46.7	22.1	5.6	73	8.5	84
MCNAIR 71418	4.57	1.19	0.96	42.8	20.4	6.2	72	8.9	81
COKER 71500	4.32	1.25	1.03	43.5	20.7	6.0	73	8.5	82
PD 9363	4.65	1.24	1.04	45.4	22.3	5.9	74	8.5	84
DPL 6532	4.42	1.29	1.09	48.6	23.8	5.2	73	8.1	84
ACALA 1517-70	3.87	1.21	0.99	49.2	23.7	5.6	73	8.5	82

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
SUBREGIONAL SUMMARY

VARIETIES COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND BELLE MINA

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH 50 PCT.	2.5 PCT.	
PD 9223	1134	A	5.57	82	41.6	10.9	.55	1.18	13.1
PD 9241	1120	AB	5.83	78	40.8	11.3	.56	1.16	12.9
PD 9222	1107	AB	5.66	80	40.9	10.8	.54	1.17	13.1
LACASS 5175	1103	AB	5.90	77	40.7	11.0	.52	1.12	12.2
STONEVILLE 151	1095	ABC	5.99	76	39.3	11.7	.54	1.16	11.9
COKER 310	1084	ABC	6.38	71	41.2	10.8	.56	1.23	12.0
MCNAIR 71418	1083	ABC	7.25	63	38.8	13.2	.53	1.13	11.9
BRYCOT 350	1076	ABC	6.22	73	39.8	11.1	.53	1.14	11.7
BRYCOT 324	1073	ABC	6.19	74	39.8	10.9	.53	1.13	11.7
CP 0803	1047	ABC	6.12	74	36.8	11.9	.55	1.17	13.4
COKER 71105	1038	ABC	6.57	69	39.1	11.1	.56	1.18	13.0
PD 9232	1036	ABC	5.68	80	40.8	11.1	.54	1.14	13.4
DELTAPINE 16	1027	ABC	6.56	69	40.6	11.1	.55	1.16	11.6
PD 9363	1023	ABC	6.12	74	38.4	11.7	.57	1.19	13.1
BAYOU 7769	985	BCD	6.12	75	39.1	11.2	.53	1.15	12.6
COKER 71500	955	CD	6.28	73	39.6	11.0	.55	1.20	12.6
DPL 6532	887	D	6.61	69	36.7	12.8	.59	1.24	14.7
ACALA 1517-70	648	E	5.83	78	37.5	11.4	.53	1.16	13.8

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
PD 9223	4.29	1.20	0.97	44.5	20.7	5.8	75	8.3	81
PD 9241	4.40	1.20	1.02	41.0	20.8	7.3	75	8.3	85
PD 9222	4.39	1.17	0.96	44.0	21.0	6.0	75	8.4	82
LADASS 5175	4.76	1.15	0.93	42.2	20.2	6.5	75	8.7	81
STONEVILLE 151	4.66	1.18	0.96	41.9	19.7	6.2	74	8.9	81
COKER 310	4.61	1.27	1.04	40.1	19.2	7.0	75	8.9	82
MCNAIR 71418	4.65	1.15	0.92	41.8	20.4	6.4	74	8.9	80
BRYCOT 350	4.77	1.17	0.97	41.5	19.0	6.4	76	8.8	83
BRYCOT 324	4.80	1.17	0.97	41.1	19.0	6.6	75	8.8	83
CP 0803	4.47	1.20	1.00	43.7	21.7	5.8	76	8.2	84
COKER 71105	4.45	1.21	1.01	42.2	20.7	6.3	75	8.6	84
PD 9232	4.67	1.17	0.98	45.3	21.7	5.6	74	8.7	84
DELTAPINE 16	4.74	1.20	1.02	36.6	18.3	9.4	77	8.4	85
PD 9363	4.76	1.22	1.03	43.6	21.7	6.1	75	8.5	85
BAYOU 7769	4.30	1.16	0.98	40.2	20.5	7.5	76	9.1	84
COKER 71500	4.39	1.23	1.01	41.8	20.6	6.3	74	8.6	82
DPL 6532	4.39	1.28	1.08	47.5	23.5	5.3	76	8.2	84
ACALA 1517-70	3.86	1.19	0.97	47.6	23.2	5.6	75	8.9	82

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
SUBREGIONAL SUMMARY

VARIETIES COMBINING COLLEGE STATION, ST JOSEPH, STONEVILLE, PORTAGEVILLE,  
JACKSON, AND ROHWER

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN	
	• LB. LINT	• PER ACRE	• GRAM	• NO.			• LENGTH			
			• PER	• PER			• 50	• 2.5		
			• BOLL	• LB.			• PCT.	• PCT.		
LADASS 5175	1034	A	5.84	78	38.4	11.3	.54	1.17	12.8	
DELTAPINE 16	1008	AB	6.21	74	37.7	11.6	.56	1.21	12.0	
COKER 71105	971	ABC	6.25	73	36.9	11.7	.57	1.21	13.5	
BRYCOT 350	963	ABC	6.04	76	37.2	12.1	.54	1.17	12.1	
BRYCOT 324	960	ABC	6.08	76	36.9	12.0	.55	1.19	12.0	
BAYOU 7769	942	ABCD	5.93	77	37.2	11.8	.57	1.21	13.4	
COKER 310	942	ABCD	6.10	75	38.6	11.8	.56	1.25	12.2	
PD 9222	933	ABCDE	5.50	83	38.7	11.4	.56	1.21	13.9	
PD 9241	907	ABCDEF	5.54	83	37.5	11.8	.56	1.20	13.9	
STONEVILLE 151	901	ABCDEF	5.77	80	37.2	12.2	.55	1.20	12.8	
PD 9223	885	ABCDEF	5.59	82	37.5	12.1	.57	1.23	13.9	
COKER 71500	864	BCDEF	6.03	76	37.6	11.5	.57	1.24	13.0	
CP 0803	856	BCDEF	5.89	78	35.1	12.4	.55	1.20	13.4	
PD 9232	845	CDEF	5.38	85	39.0	11.5	.55	1.18	13.8	
PD 9363	800	DEF	5.80	78	36.7	12.0	.58	1.22	14.0	
DPL 6532	784	EF	6.48	70	34.9	13.5	.60	1.26	14.7	
MCNAIR 71418	760	FG	6.66	69	36.4	13.4	.54	1.18	12.1	
ACALA 1517-70	633	G	5.94	77	35.7	12.4	.54	1.19	14.4	

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	MICRO-	DRAWING		STELOMETER		COLORI-			
	NAIRE	SLIVER				METER		UNIF.	
	UHM	MEAN		TO	T1	E1	RD	B	RATIO
	•	•	•	•	•	•	•	•	•
LACASS 5175	4.62	1.20	1.01	46.3	21.1	5.7	74	8.2	84
DELTAPINE 16	4.44	1.25	1.05	38.8	19.4	8.2	75	8.1	84
COKER 71105	4.23	1.25	1.04	45.3	21.6	6.0	72	8.2	83
BRYCOT 350	4.51	1.21	0.99	44.0	20.0	6.0	74	8.2	83
BRYCOT 324	4.45	1.21	1.00	44.6	20.3	5.8	73	8.2	83
BAYOU 7769	4.29	1.22	1.03	44.6	21.9	6.5	74	8.4	85
COKER 310	4.40	1.28	1.06	42.3	20.1	6.6	72	8.4	83
PD 9222	4.37	1.24	1.05	46.9	22.2	5.8	72	8.3	85
PD 9241	4.22	1.24	1.06	44.5	22.0	6.5	73	8.0	85
STONEVILLE 151	4.46	1.24	1.03	45.2	21.3	5.8	72	8.6	83
PD 9223	4.22	1.24	1.03	47.0	22.6	5.4	73	8.1	83
COKER 71500	4.26	1.27	1.04	44.9	20.9	5.7	71	8.4	82
CP 0803	4.32	1.24	1.04	47.6	22.0	5.4	73	8.0	84
PD 9232	4.46	1.22	1.02	48.2	22.6	5.5	72	8.4	84
PD 9363	4.56	1.25	1.05	46.9	22.7	5.6	73	8.4	84
DPL 6532	4.45	1.30	1.10	49.6	24.0	5.1	72	8.1	84
MCNAIR 71418	4.50	1.22	1.00	43.7	20.4	6.0	71	8.9	82
ACALA 1517-70	3.87	1.23	1.02	50.6	24.2	5.5	71	8.3	83



1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTFN
	• LB.	• LINT • PER ACRE	• GRAM • PER BOLL	• NO. • PER LB.			• LENGTH		
							• 50	• 2.5	
FLORENCE, S.C.	1397	A	6.27	73	38.8	11.5	.55	1.19	12.3
ROCKY MT., N.C.	1194	B	5.86	78	39.9	10.9	.53	1.14	12.9
ST JOSEPH, LA.	1111	C	5.90	78	39.9	11.5	.56	1.20	12.7
ROHWER, APK.	1081	C	5.73	80	39.0	11.7	.56	1.18	13.0
ST'VILLE, MISS.	1041	C	5.98	76	36.3	12.8	.56	1.22	13.8
TIFTON, GA.	954	D	5.82	78	39.4	10.9	.54	1.16	12.6
COL. STA., TEX.	862	E	5.40	85	34.8	11.6	.58	1.26	14.4
EXPERIMENT, GA.	859	E	6.30	72	38.0	12.3	.57	1.19	12.9
BELLE MINA, ALA.	740	F	6.54	70	41.7	11.4	.55	1.16	12.8
JACKSON, TENN.	680	F	6.23	73	35.8	12.0	.55	1.19	13.7
PORT'VILLE, MO.	510	G	6.49	70	37.2	12.6	.52	1.18	11.5

	•	•	DRAWING	•	STELOMETER			•	COLOPI-	•
	•	MICRO-	SLIVER	•	•	•	•	•	METER	•
	•	NAIRE	UHM	•	TO	•	T1	•	E1	•
	•	•	•	•	•	•	•	•	RD	•
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INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL			BOLL SIZE, NO. PER LB.		
MCNAIR 71418	6.93	A	PD 9232	83	A
DPL 6532	6.54	B	PD 9222	82	A
COKER 71105	6.40	BC	PD 9223	82	A
DELTAPINE 16	6.37	BC	PD 9241	81	AB
COKER 310	6.23	CD	LADASS 5175	78	BC
COKER 71500	6.14	CDE	STONEVILLE 151	78	BC
BRYCOT 324	6.13	CDE	ACALA 1517-70	78	BC
BRYCOT 350	6.12	CDE	CP 0803	77	BCD
BAYOU 7769	6.02	DE	PD 9363	77	BCD
CP 0803	6.00	DE	BAYOU 7769	76	CDE
PD 9363	5.95	DEF	BRYCOT 350	75	CDEF
ACALA 1517-70	5.89	EF	BRYCOT 324	75	CDEF
LADASS 5175	5.87	EFG	COKER 71500	74	CDEFG
STONEVILLE 151	5.87	EFG	COKER 310	73	DEFG
PD 9241	5.67	FGH	DELTAPINE 16	72	FFG
PD 9223	5.58	GH	COKER 71105	71	FG
PD 9222	5.57	GH	DPL 6532	70	G
PD 9232	5.52	H	MCNAIR 71418	66	H

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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LINT PCT.  
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PD 9232	39.8	A
COKER 310	39.8	A
PD 9222	39.7	A
LADASS 5175	39.5	A
PD 9223	39.4	A
PD 9241	39.0	AB
DELTAPINE 16	39.0	AB
COKER 71500	38.5	BC
BRYCOT 350	38.4	BC
BRYCOT 324	38.2	BCD
BAYCU 7769	38.2	BCD
STONEVILLE 151	38.2	BCD
COKER 71105	37.9	CD
PD 9363	37.5	D
MCNAIR 71418	37.5	D
ACALA 1517-70	36.5	E
CP 0803	35.9	EF
DPL 6532	35.7	F

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SEED INDEX  
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MCNAIR 71418	13.3	A
DPL 6532	13.2	A
CP 0803	12.2	B
STONEVILLE 151	12.0	BC
PD 9363	11.9	BCD
ACALA 1517-70	11.9	BCD
BRYCOT 350	11.6	CDE
PD 9223	11.6	CDE
PD 9241	11.6	CDE
COKER 71105	11.5	DE
BRYCOT 324	11.5	DE
BAYCU 7769	11.5	DE
DELTAPINE 16	11.4	E
COKER 71500	11.3	E
COKER 310	11.3	E
PD 9232	11.3	E
PD 9222	11.2	E
LADASS 5175	11.1	E

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SPAN LENGTH, 50 PCT.  
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DPL 6532	0.60	A
PD 9363	0.58	B
COKER 310	0.56	C
COKER 71500	0.56	C
PD 9223	0.56	C
PD 9241	0.56	C
COKER 71105	0.56	C
PD 9232	0.55	CD
CP 0803	0.55	CD
PD 9222	0.55	CD
BAYCU 7769	0.55	CD
DELTAPINE 16	0.55	CD
MCNAIR 71418	0.54	DE
BRYCOT 324	0.54	DE
BRYCOT 350	0.54	DE
STONEVILLE 151	0.54	DE
LADASS 5175	0.53	E
ACALA 1517-70	0.53	E

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SPAN LENGTH, 2.5 PCT.  
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DPL 6532	1.25	A
COKER 310	1.24	A
COKER 71500	1.22	B
PD 9223	1.21	BC
PD 9363	1.20	CD
COKER 71105	1.20	CD
PD 9222	1.19	CD
PD 9241	1.19	CD
DELTAPINE 16	1.19	CD
CP 0803	1.19	CD
BAYCU 7769	1.18	DE
ACALA 1517-70	1.18	DE
STONEVILLE 151	1.18	DE
MCNAIR 71418	1.16	EF
BRYCOT 324	1.16	EF
BRYCOT 350	1.16	EF
PD 9232	1.16	EF
LADASS 5175	1.15	F

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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YARN TENACITY  
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DPL 6532	14.7	A
ACALA 1517-70	14.1	B
PD 9232	13.6	C
PD 9363	13.6	C
PD 9223	13.5	C
PD 9241	13.5	C
PD 9222	13.5	C
CP 0803	13.4	C
COKER 71105	13.2	CD
BAYOU 7769	13.1	CD
COKER 71500	12.8	DE
LADASS 5175	12.5	EF
STONEVILLE 151	12.3	FG
COKER 310	12.1	FG
MCNAIR 71418	12.0	G
BRYCOT 324	11.9	G
BRYCOT 350	11.9	G
DELTAPINE 16	11.8	G

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MICRONAIRE  
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LADASS 5175	4.69	A
PD 9363	4.65	AB
BRYCOT 350	4.63	AB
BRYCOT 324	4.61	AB
DELTAPINE 16	4.58	AB
MCNAIR 71418	4.57	ABC
STONEVILLE 151	4.56	ABC
PD 9232	4.56	ABC
COKER 310	4.49	BCD
DPL 6532	4.42	CDE
CP 0803	4.39	DEF
PD 9222	4.39	DEF
COKER 71105	4.33	EF
COKER 71500	4.32	EF
BAYOU 7769	4.30	EF
PD 9241	4.30	EF
PD 9223	4.25	F
ACALA 1517-70	3.87	G

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DRAWING SLIVER, UHM  
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DPL 6532	1.29	A
COKER 310	1.28	A
COKER 71500	1.25	B
PD 9363	1.24	BC
COKER 71105	1.23	BCD
DELTAPINE 16	1.23	BCD
CP 0803	1.22	CDE
PD 9223	1.22	CDE
PD 9241	1.22	CDE
PD 9222	1.21	DEF
STONEVILLE 151	1.21	DEF
ACALA 1517-70	1.21	DEF
PD 9232	1.20	EF
BAYOU 7769	1.19	FG
MCNAIR 71418	1.19	FG
BRYCOT 324	1.19	FG
BRYCOT 350	1.19	FG
LADASS 5175	1.17	G

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DRAWING SLIVER, MEAN  
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DPL 6532	1.09	A
COKER 310	1.05	B
DELTAPINE 16	1.04	BC
PD 9363	1.04	BC
PD 9241	1.04	BC
COKER 71105	1.03	BCD
COKER 71500	1.03	BCD
CP 0803	1.02	BCDE
PD 9222	1.00	CDEF
BAYOU 7769	1.00	CDEF
PD 9232	1.00	CDEF
PD 9223	1.00	CDEF
STONEVILLE 151	0.99	DEF
BRYCOT 324	0.99	DEF
ACALA 1517-70	0.99	DEF
BRYCOT 350	0.98	EF
LADASS 5175	0.97	F
MCNAIR 71418	0.96	F

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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STELOMETER - T0  
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ACALA 1517-70	49.2	A
DPL 6532	48.6	A
PD 9232	46.7	B
PD 9223	45.9	BC
CP 0803	45.9	BC
PD 9222	45.5	BC
PD 9363	45.4	CD
LADASS 5175	44.3	DE
COKER 71105	43.9	EF
COKER 71500	43.5	EFG
STONEVILLE 151	43.5	EFG
BRYCOT 324	43.0	FG
BRYCOT 350	42.9	FG
PD 9241	42.9	FG
MCNAIR 71418	42.8	FG
BAYOU 7769	42.5	G
COKER 310	41.3	H
DELTAPINE 16	37.8	I

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STELOMETER - T1  
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DPL 6532	23.8	A
ACALA 1517-70	23.7	A
PD 9363	22.3	B
PD 9232	22.1	BC
PD 9223	21.8	BCD
CP 0803	21.8	BCD
PD 9222	21.6	BCD
PD 9241	21.5	BCD
BAYOU 7769	21.3	CDE
COKER 71105	21.2	DEF
COKER 71500	20.7	EFG
LADASS 5175	20.6	EFG
STONEVILLE 151	20.5	FG
MCNAIR 71418	20.4	GH
COKER 310	19.7	HI
BRYCOT 324	19.7	HI
BRYCOT 350	19.6	IJ
DELTAPINE 16	18.9	J

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STELOMETER - E1  
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DELTAPINE 16	8.8	A
BAYOU 7769	7.0	B
PD 9241	6.9	B
COKER 310	6.8	B
MCNAIR 71418	6.2	C
BRYCOT 324	6.2	C
BRYCOT 350	6.2	C
COKER 71105	6.1	C
COKER 71500	6.0	C
LADASS 5175	6.0	C
STONEVILLE 151	6.0	C
PD 9363	5.9	CD
PD 9222	5.9	CD
PD 9223	5.6	D
CP 0803	5.6	D
PD 9232	5.6	D
ACALA 1517-70	5.6	D
DPL 6532	5.2	E



1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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COLORIMETER -RD  
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DELTAPINE 16	76	A
BAYOU 7769	75	AB
BRYCOT 350	75	AB
LADASS 5175	75	AB
BRYCOT 324	74	BC
PD 9222	74	BC
PD 9241	74	BC
PD 9363	74	BC
PD 9223	74	BC
CCKER 310	74	BC
CP 0803	74	BC
PD 9232	73	CD
DPL 6532	73	CD
STONEVILLE 151	73	CD
COKER 71105	73	CD
ACALA 1517-70	73	CD
COKER 71500	72	D
MCNAIR 71418	72	D

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COLORIMETER -B  
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MCNAIR 71418	8.9	A
STONEVILLE 151	8.6	B
BAYOU 7769	8.6	B
COKER 310	8.6	B
PD 9363	8.5	BC
BRYCOT 324	8.5	BC
COKER 71500	8.5	BC
PD 9232	8.5	BC
BRYCOT 350	8.5	BC
ACALA 1517-70	8.5	BC
COKER 71105	8.4	BCD
DELTAPINE 16	8.3	CDE
LADASS 5175	8.3	CDE
PD 9241	8.2	DE
PD 9222	8.2	DE
PD 9223	8.2	DE
DPL 6532	8.1	E
CP 0803	8.1	E

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UNIFORMITY RATIO  
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PD 9241	85	A
DPL 6532	84	AB
PD 9232	84	AB
DELTAPINE 16	84	AB
CP 0803	84	AB
PD 9363	84	AB
BAYOU 7769	84	AB
BRYCOT 350	83	ABC
BRYCOT 324	83	ABC
COKER 310	83	ABC
PD 9222	83	ABC
CCKER 71105	83	ABC
PD 9223	82	BC
LADASS 5175	82	BC
ACALA 1517-70	82	BC
STONEVILLE 151	82	BC
COKER 71500	82	BC
MCNAIR 71418	81	C

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
FLORENCE, S.C.

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH 50 PCT.	2.5 PCT.	
PD 9241	1584	A	6.04	76	40.6	11.4	.58	1.18	12.5
COKER 310	1547	AB	6.39	71	39.7	10.6	.57	1.28	11.9
LADASS 5175	1525	ABC	5.88	77	39.4	10.9	.53	1.14	12.3
PD 9223	1501	ABCD	5.69	80	41.7	10.9	.54	1.20	12.5
MCNAIR 71418	1484	ABCD	7.47	61	38.2	13.6	.55	1.18	11.5
PD 9363	1473	ABCD	6.18	74	38.3	11.5	.56	1.19	12.5
BAYOU 7769	1463	BCD	6.05	75	37.2	11.0	.52	1.18	12.3
PD 9232	1459	BCD	5.82	78	40.5	10.8	.54	1.16	12.5
PD 9222	1445	BCD	5.84	78	39.7	10.9	.55	1.19	12.8
STONEVILLE 151	1439	BCD	6.18	74	38.3	11.8	.53	1.17	11.4
BRYCOT 350	1437	BCD	6.27	73	39.4	11.1	.51	1.16	11.7
COKER 71500	1414	CD	6.26	73	38.6	11.4	.57	1.24	12.3
BRYCOT 324	1401	CDE	6.33	72	38.8	11.3	.53	1.16	11.5
COKER 71105	1393	DE	6.67	68	37.5	10.8	.56	1.20	12.4
CP 0803	1299	EF	6.53	70	36.4	12.3	.55	1.21	12.9
DELTAPINE 16	1297	EF	6.68	68	40.7	10.8	.55	1.19	11.6
DPL 6532	1209	F	7.04	65	36.2	13.2	.60	1.26	13.9
ACALA 1517-70	778	G	5.57	82	36.8	11.6	.51	1.17	12.8

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
PD 9241	4.42	1.24	1.05	38.9	20.6	7.5	76	8.6	85
COKER 310	4.42	1.29	1.04	39.7	18.2	7.0	78	8.9	81
LADASS 5175	4.64	1.18	0.92	40.3	20.3	6.3	79	8.8	79
PD 9223	4.29	1.22	0.95	43.7	20.4	5.6	78	8.7	79
MCNAIR 71418	4.58	1.20	0.93	39.7	19.8	6.1	75	9.0	78
PD 9363	4.80	1.25	1.07	41.4	20.2	6.2	77	8.7	85
BAYOU 7769	4.13	1.20	0.97	40.4	19.1	7.5	77	9.3	81
PD 9232	4.64	1.19	0.96	43.7	20.7	5.2	75	9.1	81
PD 9222	4.45	1.22	0.96	43.1	20.5	5.7	77	8.5	79
STONEVILLE 151	4.44	1.21	0.96	39.9	19.0	6.0	77	9.1	80
BRYCOT 350	4.64	1.22	0.99	40.4	19.5	6.5	78	9.0	81
COKER 71500	4.31	1.27	1.05	40.2	20.3	6.2	76	8.8	83
BRYCOT 324	4.81	1.19	0.96	39.8	18.5	6.8	78	9.0	81
COKER 71105	4.47	1.23	1.01	40.3	20.0	6.0	77	8.8	82
CP 0803	4.66	1.24	1.02	42.7	21.2	5.5	78	8.6	82
DELTAPINE 16	4.60	1.23	1.00	36.6	17.7	9.1	80	8.6	82
DPL 6532	4.46	1.31	1.09	46.6	22.2	5.0	77	8.5	84
ACALA 1517-70	3.65	1.20	0.97	44.8	21.1	5.9	76	9.0	81

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
ROCKY MT., N.C.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN
	• LB. LINT		• GRAM				• LENGTH		
	• PER ACRE		• PER				• 50 2.5		
			• BOLL				• PCT. PCT.		
LADASS 5175	1333	A	5.67	80	41.9	10.4	.50	1.10	12.1
PD 9222	1294	AB	5.24	87	40.7	10.3	.51	1.12	13.2
STONEVILLE 151	1264	ABC	5.53	82	40.1	11.0	.52	1.13	11.9
COKER 310	1254	BC	6.29	72	42.0	10.2	.55	1.20	12.3
PD 9241	1252	BC	5.71	80	40.7	11.0	.55	1.14	12.9
PD 9223	1249	BC	5.17	88	41.3	10.4	.52	1.15	12.9
BRYCOT 350	1220	BCD	5.77	79	40.1	10.4	.50	1.11	11.9
DELTAPINE 16	1215	CD	6.50	70	40.7	10.8	.53	1.13	11.7
BRYCOT 324	1214	CD	5.82	78	40.5	10.4	.52	1.12	11.9
PD 9232	1211	CD	5.29	86	40.7	10.6	.53	1.11	13.7
COKER 71105	1209	CD	6.10	74	39.8	10.8	.54	1.15	12.7
PD 9363	1195	CDE	5.83	78	38.8	11.2	.53	1.14	13.7
MCNAIR 71418	1190	CDE	6.98	66	39.3	12.1	.53	1.11	12.3
COKER 71500	1149	DEF	6.04	75	39.8	10.9	.56	1.19	12.6
BAYOU 7769	1123	EFG	5.83	78	39.6	10.6	.51	1.13	13.0
CP 0803	1079	FG	5.76	79	36.8	11.1	.50	1.10	13.6
DPL 6532	1059	G	6.19	73	37.3	12.2	.56	1.22	15.1
ACALA 1517-70	985	H	5.88	77	37.4	11.1	.51	1.12	14.7

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•	MICRO-	SLIVER	•	•	•	•	•	METER	•
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LADASS 5175	4.65	1.10	0.89	42.8	19.4	6.4	76	8.2	81
PD 9222	3.95	1.13	0.95	42.9	19.9	6.2	76	8.2	85
STONEVILLE 151	4.64	1.14	0.96	42.9	19.7	6.5	76	8.8	84
COKER 310	4.60	1.23	1.05	39.9	19.2	7.2	76	8.4	85
PD 9241	4.14	1.14	0.98	41.4	20.4	7.5	77	7.9	86
PD 9223	4.11	1.16	0.98	44.6	20.0	6.0	76	8.1	85
BRYCOT 350	4.61	1.11	0.94	41.6	17.7	6.4	76	8.5	85
DELTAPINE 16	4.76	1.16	0.99	36.5	18.3	9.3	78	8.4	86
BRYCOT 324	4.69	1.14	0.97	40.8	18.4	6.7	76	8.4	85
PD 9232	4.40	1.11	0.94	45.4	21.3	5.9	73	8.3	85
COKER 71105	4.45	1.18	1.02	41.5	19.1	6.6	76	8.3	86
PD 9363	4.69	1.19	1.04	44.2	21.6	6.1	75	8.4	87
MCNAIR 71418	4.44	1.10	0.91	43.3	20.1	6.8	74	8.5	83
COKER 71500	4.14	1.19	1.00	41.4	20.3	6.4	74	8.1	84
BAYOU 7769	3.88	1.13	0.94	38.8	20.1	7.4	77	8.7	83
CP 0803	4.37	1.15	0.98	44.5	21.3	5.9	75	7.9	85
DPL 6532	4.11	1.23	1.04	48.1	23.7	5.4	76	7.9	85
ACALA 1517-70	3.99	1.16	1.01	48.8	22.8	5.7	76	8.5	87

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
ST JOSEPH, LA.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN							
	. LB.	. LINT	. GRAM	. NO.			. LENGTH	. 50		. 2.5						
											. PER	. PER	. PCT.	. INDEX	. PCT.	. PCT.
BAYOU 7769	1309	A	5.81	79	41.8	10.9	.58	1.21	12.6							
PD 9241	1276	AB	5.94	76	41.1	11.5	.56	1.16	13.6							
LADASS 5175	1241	ABC	5.97	76	40.3	11.2	.54	1.15	12.0							
PD 9222	1210	ABC	5.18	88	42.3	10.4	.55	1.21	13.5							
COKER 71105	1202	ABC	5.09	89	40.5	10.7	.58	1.21	13.0							
PD 9363	1191	ABC	5.66	80	38.6	11.5	.58	1.20	13.1							
PD 9232	1180	ABCD	5.13	89	43.1	10.4	.56	1.15	13.7							
COKER 71500	1134	BCDE	5.31	86	40.5	10.6	.56	1.24	12.2							
BRYCOT 324	1131	BCDE	6.06	75	38.3	11.7	.54	1.18	11.1							
BRYCOT 350	1106	CDE	5.81	78	39.8	11.6	.56	1.19	11.7							
DELTAPINE 16	1105	CDE	6.41	71	40.7	11.4	.57	1.20	10.9							
COKER 310	1104	CDE	5.81	78	41.8	11.2	.57	1.26	11.8							
STONEVILLE 151	1098	CDE	6.05	75	40.4	12.2	.57	1.19	11.6							
CP 0803	1085	CDE	5.88	79	37.3	12.4	.55	1.22	13.6							
MCNAIR 71418	1026	DE	6.88	66	39.1	13.4	.51	1.14	11.9							
DPL 6532	1017	E	6.53	70	37.6	13.0	.61	1.28	15.2							
PD 9223	983	E	6.27	73	36.6	11.7	.57	1.20	13.4							
ACALA 1517-70	599	F	6.40	71	38.6	11.6	.55	1.20	13.4							

DRAWING			STELOMETER			COLORI-		
MICRO-	SLIVER					METER	UNIF.	
NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
<hr/>								
4.49	1.22	1.03	42.9	21.2	7.0	76	8.7	85
4.61	1.26	1.10	43.7	21.4	7.3	76	8.5	88
4.70	1.21	1.01	44.9	20.1	6.2	76	8.8	84
4.55	1.23	1.02	47.8	22.3	5.9	75	8.5	83
4.13	1.26	1.08	45.8	22.0	6.2	74	8.7	86
4.76	1.25	1.07	45.8	22.6	6.1	75	8.6	85
4.70	1.20	1.02	49.8	23.6	5.3	73	8.5	85
4.45	1.28	1.09	42.6	20.2	6.2	73	9.4	85
4.58	1.22	1.01	43.0	20.0	6.2	75	8.9	83
4.80	1.24	1.04	43.9	19.5	6.7	76	8.8	84
4.91	1.25	1.06	37.6	18.5	8.4	77	8.7	85
4.68	1.29	1.08	41.6	20.1	6.4	74	9.1	84
4.76	1.23	1.02	43.1	20.1	6.2	73	9.2	83
4.51	1.25	1.06	48.3	21.8	5.7	74	8.6	85
4.80	1.24	1.04	43.9	19.9	6.0	73	9.0	84
4.53	1.35	1.17	49.7	25.3	5.1	75	8.4	87
4.46	1.25	1.05	47.7	22.4	5.6	75	8.6	84
4.05	1.23	1.00	49.6	24.5	5.4	73	8.8	82



1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
ROHWER, ARK.

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM NO. PER PER BOLL LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 2.5 PCT. PCT.	YTEN
LADASS 5175	1243 A	5.50 83	40.2	11.2	.53 1.11	11.9
BRYCOT 350	1232 A	5.53 82	39.8	11.1	.53 1.13	11.4
PD 9222	1230 A	5.23 87	41.2	11.2	.55 1.19	13.0
DELTAPINE 16	1220 AB	5.81 79	38.9	11.3	.55 1.16	12.2
BRYCOT 324	1215 AB	5.71 80	39.2	11.0	.53 1.14	10.7
COKER 71105	1215 AB	6.48 71	38.1	11.3	.56 1.17	13.4
PD 9223	1214 AB	5.42 84	40.3	11.5	.58 1.21	13.6
STONEVILLE 151	1180 AB	5.52 83	39.1	11.4	.55 1.19	13.0
COKER 71500	1165 AB	6.18 74	39.3	11.3	.57 1.20	13.0
COKER 310	1154 AB	6.15 74	40.8	11.1	.56 1.21	11.8
BAYOU 7769	1056 ABC	6.27 73	39.2	11.6	.53 1.13	12.8
PD 9241	1025 BCD	5.03 91	38.8	11.2	.56 1.17	14.2
PD 9232	966 CDE	5.17 88	40.0	11.5	.55 1.19	13.0
CP 0803	964 CDE	5.98 76	35.9	12.5	.57 1.21	13.1
DPL 6532	868 CDE	6.19 74	37.0	12.8	.61 1.25	15.1
MCNAIR 71418	868 CDE	6.19 74	38.4	13.0	.55 1.16	12.1
PD 9363	862 DE	5.82 78	37.9	12.2	.58 1.20	14.7
ACALA 1517-70	788 E	4.98 92	36.8	12.2	.56 1.18	14.1

DRAWING SLIVER UHM MEAN	STELOMETER TO T1 E1	COLORI- METER RD B	UNIF. RATIO
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LADASS 5175	4.95	1.11	0.89	47.8	19.9	5.1	73	6.9	81
BRYCOT 350	4.78	1.09	0.86	43.1	19.2	5.5	73	7.0	79
PD 9222	4.44	1.22	1.07	44.2	21.3	6.2	74	7.3	88
DELTAPINE 16	4.44	1.16	0.95	38.7	19.0	7.5	74	7.0	82
BRYCOT 324	4.64	1.10	0.86	43.8	18.3	5.6	72	6.9	79
COKER 71105	4.60	1.17	0.94	44.8	21.0	6.0	72	6.8	81
PD 9223	4.45	1.21	1.01	46.1	22.1	4.4	73	7.0	84
STONEVILLE 151	4.44	1.22	1.07	44.2	21.3	6.2	74	7.3	88
COKER 71500	4.67	1.19	0.97	44.9	20.3	5.3	70	7.1	82
COKER 310	4.73	1.19	0.98	41.7	19.6	6.3	72	7.0	83
BAYOU 7769	4.51	1.11	0.92	43.4	20.6	7.0	73	7.5	83
PD 9241	4.41	1.19	1.03	45.0	22.3	6.0	72	6.7	87
PD 9232	4.44	1.22	1.07	44.2	21.3	6.2	74	7.3	88
CP 0803	4.40	1.24	1.03	49.5	21.6	5.3	73	6.5	83
DPL 6532	4.53	1.28	1.11	50.6	25.0	5.3	72	6.5	87
MCNAIR 71418	4.65	1.20	1.03	43.2	20.1	5.9	72	8.0	86
PD 9363	4.74	1.25	1.08	46.4	22.4	5.3	75	7.4	86
ACALA 1517-70	3.88	1.14	0.95	49.8	23.4	5.3	71	7.5	84

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
ST. VILLE, MISS.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. Y TEN			
	. LB. LINT	. PER ACRE	. GRAM	. NO.			. LENGTH					
								. PER		. LB.	. 50	. 2.5
STONEVILLE 151	1233	A	5.97	76	36.0	12.9	.55	1.24	12.8			
DELTAPINE 16	1222	A	6.31	72	36.8	12.3	.57	1.24	12.6			
LADASS 5175	1188	A	5.90	77	38.3	11.6	.55	1.19	12.5			
COKER 71105	1186	A	6.49	70	35.7	12.4	.56	1.22	14.5			
PD 9222	1155	AB	5.41	84	38.1	12.3	.56	1.22	14.5			
COKER 310	1131	AB	5.97	76	37.3	12.1	.57	1.25	12.8			
BRYCOT 350	1060	BC	5.98	76	36.3	12.3	.53	1.18	12.2			
BRYCOT 324	1056	BC	5.96	76	36.6	12.0	.53	1.18	12.0			
PD 9223	1013	CD	5.29	86	37.6	12.5	.60	1.25	14.8			
BAYOU 7769	1004	CD	6.00	76	36.8	12.3	.56	1.21	13.7			
PD 9363	996	CD	5.66	80	35.5	12.9	.58	1.22	14.3			
PD 9241	977	CD	5.56	82	36.1	12.8	.57	1.25	14.6			
PD 9232	968	CD	5.56	82	37.2	12.9	.56	1.20	14.4			
ACALA 1517-70	943	CDE	5.87	77	35.1	13.1	.54	1.21	15.9			
COKER 71500	933	DE	6.18	73	36.9	12.6	.55	1.23	13.7			
MCNAIR 71418	931	DE	6.94	66	35.8	15.0	.56	1.20	12.6			
CP 0803	909	DE	6.24	73	34.4	13.1	.57	1.22	14.2			
DPL 6532	841	E	6.29	73	33.2	15.0	.62	1.30	16.3			

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.	.	DRAWING		.	STELOMETER			.	COLORI-	.
.	MICRO-	SLIVER		.	.	.	.	.	METER	.
.	NAIRE	.	UHM . MEAN	.	TO	.	T1 . E1	.	RD . B	.
.	.	.	.	.	.	.	.	.	.	.
								</		

STONEVILLE 151	4.90	1.26	1.02	46.9	22.2	4.9	74	8.5	81
DELTAPINE 16	4.83	1.26	1.07	41.2	20.9	7.8	77	8.5	85
LADASS 5175	4.89	1.21	1.00	47.8	21.4	4.9	76	8.3	83
COKER 71105	4.46	1.27	1.09	48.6	22.8	5.5	75	8.3	86
PD 9222	4.70	1.27	1.07	48.6	23.1	4.9	75	8.0	84
COKER 310	4.53	1.30	1.07	44.5	21.1	6.3	75	8.7	82
BRYCOT 350	4.81	1.22	1.02	45.9	20.8	5.1	78	8.6	84
BRYCOT 324	4.87	1.20	1.00	46.0	19.9	5.3	77	8.5	83
PD 9223	4.34	1.27	1.05	50.6	24.6	4.6	75	8.4	83
BAYOU 7769	4.54	1.24	1.04	46.3	22.5	6.6	77	8.8	85
PD 9363	4.92	1.27	1.05	49.4	24.3	5.1	75	8.7	83
PD 9241	4.26	1.27	1.06	46.9	24.3	6.0	76	8.6	84
PD 9232	4.90	1.26	1.05	51.9	23.7	4.8	74	8.6	84
ACALA 1517-70	4.15	1.27	1.08	51.4	24.3	4.9	76	8.4	85
COKER 71500	4.45	1.28	1.06	47.4	22.2	5.0	74	8.4	83
MCNAIR 71418	4.82	1.22	1.01	45.6	21.6	5.1	73	9.1	82
CP 0803	4.65	1.25	1.04	50.2	23.5	4.7	76	8.1	84
DPL 6532	4.46	1.35	1.13	53.6	26.0	4.5	74	7.7	84

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
TIFTON, GA.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN							
	• LB. LINT	• PER ACRE	• GRAM	• NO.			• LENGTH	• 50 2.5								
										• PER	• PER	• PCT.	• INDEX	• PCT.	• PCT.	
																• BOLL
STONEVILLE 151	1175	A	5.58	81	39.7	11.0	.53	1.15	11.4							
COKER 71105	1140	AB	6.62	69	38.1	11.0	.54	1.17	13.3							
PD 9223	1136	AB	5.30	86	41.6	10.7	.52	1.16	13.3							
LACASS 5175	1041	ABC	5.47	83	41.1	10.5	.53	1.12	12.1							
MCNAIR 71418	1038	ABC	6.88	66	38.5	12.7	.51	1.10	11.4							
PD 9222	1036	ABC	5.27	86	40.9	10.1	.52	1.15	12.5							
CP 0803	1018	ABCD	5.99	76	36.3	11.9	.53	1.15	13.3							
PD 9363	992	ABCD	5.70	80	38.3	11.2	.58	1.18	13.0							
COKER 71500	951	BCD	6.09	75	39.6	10.1	.50	1.14	12.6							
BRYCOT 324	948	BCD	5.65	80	40.2	10.5	.51	1.12	11.5							
DELTAPINE 16	946	BCD	6.20	73	40.5	10.7	.52	1.14	11.7							
COKER 310	942	BCD	6.23	73	40.1	10.9	.54	1.19	12.1							
PD 9232	923	BCD	5.17	88	40.5	10.2	.56	1.16	12.9							
PD 9241	897	CD	5.30	86	40.3	10.4	.56	1.16	12.6							
BAYOU 7769	882	CD	5.52	82	39.6	10.3	.54	1.14	12.3							
DPL 6532	811	D	6.20	73	36.2	12.1	.58	1.23	14.6							
BRYCOT 350	803	D	5.69	80	40.4	10.4	.52	1.13	11.1							
ACALA 1517-70	501	E	5.84	78	36.2	11.5	.56	1.18	14.5							

•	•	DRAWING	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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STONEVILLE 151	4.84	1.12	0.89	43.4	19.9	5.9	74	8.3	80
COKER 71105	4.44	1.19	1.04	42.8	21.4	6.4	74	7.7	88
PD 9223	4.20	1.15	0.92	45.4	21.5	5.5	74	7.4	80
LACASS 5175	4.85	1.09	0.88	44.7	20.6	6.2	75	8.3	81
MCNAIR 71418	4.76	1.09	0.89	43.0	21.4	6.3	73	8.7	82
PD 9222	4.40	1.08	0.84	45.4	21.7	5.6	74	7.9	78
CP 0803	4.56	1.16	0.97	44.7	21.7	5.5	76	7.6	84
PD 9363	4.75	1.15	0.93	45.7	23.0	5.7	76	8.2	81
COKER 71500	4.68	1.15	0.95	42.7	20.4	6.0	75	8.2	83
BRYCOT 324	4.89	1.11	0.89	42.2	19.6	6.0	75	8.0	80
DELTAPINE 16	4.96	1.19	1.05	37.5	18.8	9.6	76	7.4	88
COKER 310	4.92	1.24	1.05	40.3	19.6	7.0	75	8.8	84
PD 9232	4.80	1.16	0.97	46.9	22.0	5.3	74	8.2	84
PD 9241	4.33	1.14	0.95	42.2	21.3	7.3	75	7.7	83
BAYOU 7769	4.45	1.11	0.94	41.4	21.3	7.4	75	8.4	86
DPL 6532	4.46	1.23	1.01	48.2	24.1	5.3	75	7.9	82
BRYCOT 350	5.06	1.13	0.92	43.1	19.1	6.0	75	8.1	81
ACALA 1517-70	4.36	1.20	0.98	48.0	23.4	5.4	75	8.8	82



1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
EXPERIMENT, GA.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN			
	. LB. LINT	. PER ACRE	. GRAM	. NO.			. LENGTH					
				. PER BOLL			. PER LB.	. PCT.		. INDEX	. 50	2.5
PD 9223	1002	A	5.82	78	39.8	11.9	.58	1.22	13.2			
CP 0803	970	AB	6.05	75	35.8	12.3	.58	1.19	13.7			
BRYCOT 350	964	AB	6.50	70	37.8	12.2	.55	1.16	12.0			
PD 9222	954	AB	5.78	79	39.4	11.8	.56	1.20	13.5			
DELTAPINE 16	915	ABC	6.23	73	38.8	11.6	.57	1.18	11.6			
BRYCOT 324	913	ABC	6.31	72	38.2	11.3	.53	1.14	12.1			
LADASS 5175	905	ABCD	6.10	75	38.7	11.8	.54	1.14	12.6			
MCNAIR 71418	904	ABCD	7.72	59	38.6	14.0	.55	1.14	11.8			
PD 9241	888	ABCDE	5.92	77	39.1	12.4	.55	1.17	13.1			
COKER 310	883	ABCDE	6.15	74	40.0	11.3	.58	1.25	11.8			
STONEVILLE 151	844	BCDE	6.01	76	37.7	12.6	.56	1.17	12.3			
COKER 71105	804	CDEF	6.98	65	37.5	12.1	.58	1.20	13.0			
BAYOU 7769	789	CDEF	6.42	71	37.0	12.3	.54	1.15	12.9			
COKER 71500	779	DEF	6.23	73	37.9	11.5	.57	1.21	12.6			
PD 9232	765	EF	5.92	77	38.8	12.2	.54	1.15	14.0			
PD 9363	757	EF	6.18	73	36.7	12.5	.60	1.22	13.3			
DPL 6532	756	EF	6.64	69	35.0	13.8	.61	1.24	14.9			
ACALA 1517-70	677	F	6.47	71	35.1	12.3	.59	1.20	14.0			

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.	DRAWING		.	STELOMETER			.	COLORI-		.						
.	MICRO-	SLIVER	.	.	.	.	.	METER		.	UNIF.					
.	NAIRE	UHM	.	MEAN	.	TO	.	T1	.	E1	.	RD	.	B	.	RATIO
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PD 9223	4.42	1.21	0.97	42.5	21.0	5.5	76	9.0	81
CP 0803	4.45	1.23	1.01	43.9	22.4	5.7	77	8.9	83
BRYCOT 350	4.82	1.20	0.97	41.5	19.8	6.4	76	9.3	81
PD 9222	4.68	1.20	0.99	43.0	21.8	6.0	77	9.0	82
DELTAPINE 16	4.59	1.21	1.01	36.4	18.9	9.1	77	9.0	84
BRYCOT 324	4.85	1.19	1.00	41.8	19.8	6.6	76	9.3	84
LADASS 5175	4.89	1.20	0.98	41.8	20.5	6.3	76	9.2	82
MCNAIR 71418	4.86	1.17	0.90	40.9	20.5	6.1	74	9.4	77
PD 9241	4.59	1.25	1.08	39.4	21.0	7.0	76	9.1	86
COKER 310	4.57	1.28	1.01	38.2	19.4	6.6	75	9.3	79
STONEVILLE 151	4.68	1.21	0.95	41.4	19.9	6.2	74	9.3	79
COKER 71105	4.45	1.22	0.96	41.8	21.8	6.1	76	9.1	79
BAYOU 7769	4.63	1.20	1.03	38.9	21.5	7.5	75	9.7	87
COKER 71500	4.45	1.28	1.03	41.1	21.0	6.3	75	9.3	81
PD 9232	4.77	1.22	1.02	44.8	22.6	5.5	74	9.3	84
PD 9363	4.75	1.26	1.07	42.7	21.3	6.3	76	9.0	85
DPL 6532	4.61	1.33	1.13	46.9	23.9	5.4	76	8.6	85
ACALA 1517-70	4.02	1.21	0.99	47.4	24.3	5.5	76	9.4	82



1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
BELLE MINA, ALA.

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		Y TEN	
	LB.	PER ACRE	GRAM	NO.			LENGTH	50		2.5
PD 9241	981	A	6.19	74	43.2	11.0	.57	1.16	13.4	
BRYCOT 350	955	AB	6.86	66	41.1	11.1	.53	1.12	11.7	
BRYCOT 324	890	ABC	6.83	67	41.4	11.0	.53	1.11	11.6	
CP 0803	867	BCD	6.26	73	38.7	11.1	.57	1.18	13.5	
PD 9232	822	CDE	6.22	73	43.3	11.4	.54	1.11	14.0	
PD 9222	806	CDEF	6.16	74	43.4	10.9	.56	1.16	13.3	
MCNAIR 71418	800	CDEF	7.28	62	39.4	13.4	.53	1.12	12.3	
COKER 310	796	CDEF	6.84	67	44.2	10.7	.55	1.22	11.8	
PD 9223	783	CDEF	5.86	78	43.6	10.8	.56	1.18	13.5	
DELTAPINE 16	760	DEFG	7.18	64	41.9	11.8	.54	1.16	11.1	
STONEVILLE 151	753	DEFGH	6.64	69	40.8	12.2	.55	1.17	12.3	
LADASS 5175	713	EFGH	6.36	72	42.1	11.2	.52	1.10	12.0	
PD 9363	700	FGHI	6.70	68	40.1	12.0	.58	1.19	12.9	
BAYOU 7769	667	GHI	6.76	68	42.2	11.6	.53	1.12	12.5	
COKER 71105	644	HI	6.46	71	42.7	10.8	.56	1.15	13.5	
DPL 6532	601	I	7.00	65	38.6	12.3	.61	1.26	14.8	
COKER 71500	482		6.76	68	42.1	11.2	.54	1.18	12.9	
ACALA 1517-70	300		5.37	85	41.0	10.4	.48	1.11	12.8	

•	•	DRAWING	•	STELOMETER	•	COLORI-	•
•	MICRO-	SLIVER	•	•	•	METER	•
•	NAIRE	UHM • MEAN	•	TO • T1 • E1	•	RD • B	•
•	•	•	•	•	•	•	•

PD 9241	4.53	1.21	1.05	43.0	20.7	7.3	74	8.3	87
BRYCOT 350	4.72	1.19	1.02	41.0	18.9	6.9	74	9.1	86
BRYCOT 324	4.74	1.18	1.00	41.1	18.8	6.8	73	9.0	85
CP 0803	4.30	1.23	1.04	42.7	21.6	6.3	74	8.2	85
PD 9232	4.71	1.18	1.02	45.7	21.8	5.9	73	8.5	87
PD 9222	4.49	1.21	1.03	45.6	20.9	6.5	74	8.4	85
MCNAIR 71418	4.61	1.20	0.99	42.1	20.3	6.7	73	9.1	83
COKER 310	4.51	1.28	1.05	42.1	19.8	6.9	74	9.1	82
PD 9223	4.43	1.23	1.02	46.4	20.8	6.0	74	8.1	83
DELTAPINE 16	4.77	1.22	1.05	36.1	17.7	9.9	76	8.8	87
STONEVILLE 151	4.68	1.21	1.02	41.6	19.8	6.5	72	8.9	84
LADASS 5175	4.76	1.17	0.99	41.2	20.0	6.9	73	8.7	85
PD 9363	4.80	1.23	1.05	43.9	22.2	6.4	73	8.3	86
BAYOU 7769	4.40	1.17	1.00	41.4	20.6	7.8	75	9.1	85
COKER 71105	4.45	1.20	1.00	44.6	21.2	6.1	73	8.9	83
DPL 6532	4.27	1.30	1.10	47.5	23.5	5.4	75	8.0	85
COKER 71500	4.36	1.24	1.03	43.6	20.8	6.5	71	8.6	83
ACALA 1517-70	3.29	1.15	0.89	48.9	24.3	5.6	74	8.5	78

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
COL. STA., TEX.

VARIETY	. YIELD			. BOLL SIZE		. LINT		. SEED		. SPAN		. YTEN
	. LB. LINT			. GRAM . NO.		. PCT.		. INDEX		. LENGTH		
	. PER ACRE			. PER . LB.		. BOLL .		. PCT.		. 50 2.5		
										. PCT. PCT. .		
DELTAPINE 16	977	A		5.60	82	35.7	10.9	.57	1.24		12.9	
PD 9241	975	A		4.73	97	36.5	10.6	.58	1.25		14.9	
PD 9222	935	AB		4.75	96	35.5	10.8	.59	1.26		14.8	
COKER 310	924	AB		5.88	78	35.1	12.2	.58	1.27		13.1	
BRYCOT 350	918	AB		5.06	90	34.6	11.7	.59	1.23		13.4	
PD 9232	917	AB		4.66	98	36.9	10.9	.57	1.20		15.0	
PD 9223	910	AB		4.83	95	35.7	11.8	.58	1.28		14.9	
LADASS 5175	894	ABC		5.89	78	36.0	11.0	.55	1.23		14.3	
COKER 71500	879	ABC		5.89	78	35.2	11.0	.59	1.30		14.1	
MCNAIR 71418	863	BC		5.98	76	34.5	12.3	.57	1.23		12.9	
COKER 71105	854	BC		6.18	74	33.7	11.3	.60	1.29		14.4	
PD 9363	853	BC		5.96	77	35.7	10.6	.61	1.26		15.0	
BRYCOT 324	851	BC		5.01	91	34.4	11.4	.58	1.23		13.1	
CP 0803	845	BC		4.67	98	32.0	12.4	.56	1.24		15.1	
DPL 6532	786	CD		6.73	68	32.0	14.5	.62	1.33		15.7	
STONEVILLE 151	742	DE		4.75	96	34.5	12.0	.57	1.27		14.2	
BAYOU 7769	724	DE		5.04	90	34.3	11.3	.58	1.26		14.7	
ACALA 1517-70	666	E		5.63	81	33.3	11.8	.57	1.23		16.3	

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.	DRAWING		.	STELOMETER			.	COLORI-		.
.	MICRO-	SLIVER	.	.	.	.	.	METER	.	UNIF.
.	NAIRE	UHM . MEAN	.	TO	T1	E1	.	RD . B	.	RATIO
.	.	.	.	.	.	.	.	.	.	.

DELTAPINE 16	4.16	1.27	1.05	40.5	20.6	8.1	76	7.2	82
PD 9241	3.77	1.29	1.09	44.6	23.1	6.7	71	6.9	85
PD 9222	3.75	1.27	1.09	47.0	23.5	6.2	71	6.6	86
COKER 310	4.05	1.35	1.12	43.2	20.8	6.7	71	7.5	83
BRYCOT 350	4.26	1.27	1.05	44.7	21.7	6.1	72	7.0	83
PD 9232	3.96	1.25	1.05	48.3	24.2	5.8	71	7.1	84
PD 9223	3.73	1.27	1.05	48.3	24.1	5.5	72	7.3	83
LADASS 5175	4.19	1.27	1.05	46.3	22.3	6.1	73	7.4	83
COKER 71500	3.80	1.32	1.04	45.5	22.2	6.0	70	7.1	79
MCNAIR 71418	4.14	1.25	1.01	44.8	21.0	6.2	69	7.9	81
COKER 71105	3.69	1.34	1.09	46.6	22.6	6.0	72	6.7	82
PD 9363	4.21	1.29	1.08	47.3	23.8	5.8	71	7.4	84
BRYCOT 324	4.06	1.27	1.05	45.8	21.3	6.0	72	7.1	84
CP 0803	3.67	1.27	1.05	49.1	24.0	5.3	72	7.0	83
DPL 6532	4.40	1.35	1.14	52.2	26.5	5.0	70	7.4	85
STONEVILLE 151	4.15	1.30	1.08	44.7	22.0	6.0	72	7.1	83
BAYOU 7769	3.78	1.26	1.05	45.3	23.1	6.8	73	7.7	83
ACALA 1517-70	3.54	1.26	1.02	54.6	27.4	5.8	70	6.9	82

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
PORT'VILLE, MO.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN
	• LB. LINT		• GRAM				• LENGTH		
	• PER ACRE		• PER				• 50 2.5		
			• BOLL				• PCT. PCT.		
BRYCOT 350	847	A	6.55	70	37.2	12.4	.49	1.13	10.6
BRYCOT 324	834	A	6.45	71	37.3	11.8	.49	1.14	10.1
DELTAPINE 16	730	B	6.75	68	38.1	11.8	.50	1.16	10.7
COKER 310	622	C	6.35	72	39.5	12.0	.49	1.20	10.4
COKER 71105	604	CD	7.10	64	37.6	12.4	.52	1.17	11.8
CP 0803	559	CDE	6.40	71	35.0	12.6	.50	1.15	11.7
STONEVILLE 151	558	CDE	6.75	68	35.7	13.0	.49	1.16	10.5
PD 9241	514	DEF	6.20	73	38.1	12.8	.53	1.18	12.0
PD 9223	502	EF	5.80	78	38.6	12.4	.52	1.19	11.9
PD 9222	449	FG	6.20	73	40.3	11.8	.52	1.17	12.5
COKER 71500	440	FG	6.50	70	38.0	11.8	.53	1.22	11.4
DPL 6532	397	G	6.65	69	33.5	14.4	.56	1.24	13.2
PD 9232	371	GH	6.00	76	39.3	12.0	.53	1.15	12.4
MCNAIR 71418	287	H	7.45	61	35.3	14.4	.51	1.15	10.0
ACALA 1517-70	284	H	6.65	69	36.1	13.6	.51	1.20	12.4
PD 9363	168	I	6.10	75	35.5	12.8	.55	1.21	12.0

•	•	DRAWING	•	•	STELOMETER	•	•	COLORI-	•
•	MICRO-	SLIVER	•	•	•	•	•	METER	•
•	NAIRE	UHM	•	•	TO	•	•	RD	•
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BRYCOT 350	4.14	1.22	1.03	40.4	17.6	6.3	70	8.4	85
BRYCOT 324	4.18	1.22	1.01	40.5	18.0	6.4	70	8.6	83
DELTAPINE 16	4.32	1.26	1.10	35.3	17.1	8.6	70	8.2	87
COKER 310	4.22	1.28	1.09	39.9	18.1	7.2	68	9.0	86
COKER 71105	4.15	1.24	1.04	41.2	19.4	6.3	68	9.0	85
CP 0803	4.29	1.25	1.04	45.1	20.6	5.6	68	8.4	84
STONEVILLE 151	4.29	1.17	0.89	40.8	17.7	6.2	66	9.1	76
PD 9241	4.22	1.26	1.06	40.1	19.5	7.1	68	8.8	85
PD 9223	4.32	1.21	0.99	45.1	20.0	5.8	58	8.5	82
PD 9222	4.35	1.18	0.89	45.6	19.6	5.5	66	9.0	76
COKER 71500	4.09	1.27	1.05	42.3	19.1	6.0	67	9.1	83
DPL 6532	4.26	1.28	1.02	47.0	21.7	5.2	64	9.0	80
PD 9232	4.72	1.17	0.91	46.2	20.4	5.6	66	9.0	78
MCNAIR 71418	4.55	1.18	0.91	41.8	18.3	6.1	64	9.2	78
ACALA 1517-70	3.97	1.25	1.01	46.7	21.3	6.2	64	9.0	81
PD 9363	4.62	1.24	1.03	44.1	20.5	6.0	64	9.2	83

1973 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
JACKSON, TENN.

VARIETY								
	• YIELD	• BOLL SIZE	•	• LINT	• SEED	• SPAN	•	•
	• LB. LINT	• GRAM	• NO.	• PCT.	• INDEX	• LENGTH	•	• YTEN
	• PER ACRE	• PER	• PER	•	•	• 50 2.5	•	•
		• BOLL	• LB.	•	•	• PCT. PCT.	•	
DPL 6532	794 A	6.45	71	36.3	11.4	.54 1.17		12.9
DELTAPINE 16	792 A	6.36	71	35.7	11.7	.57 1.22		12.6
CP 0803	773 AB	6.18	74	35.9	11.6	.52 1.16		12.8
COKER 71105	765 ABC	6.18	73	35.5	12.3	.56 1.19		13.5
LADASS 5175	752 ABCD	5.79	78	38.0	10.8	.49 1.10		12.8
PD 9363	727 ABCD	5.61	81	36.6	11.9	.54 1.19		14.6
COKER 310	715 ABCDE	6.45	70	37.1	12.0	.59 1.27		13.1
PD 9223	689 BCDEF	5.95	76	36.2	12.5	.58 1.22		14.5
PD 9241	674 CDEFG	5.77	79	34.1	12.0	.55 1.19		14.1
BAYOU 7769	673 CDEFG	6.50	70	33.5	12.3	.60 1.24		13.5
BRYCOT 324	670 CDEFG	7.27	63	35.4	13.8	.59 1.23		14.6
PD 9232	665 DEFG	5.77	79	37.1	11.5	.54 1.17		14.3
COKER 71500	631 EFG	6.11	75	35.5	11.5	.58 1.25		13.5
PD 9222	617 FG	6.22	73	35.0	12.1	.58 1.21		14.9
BRYCOT 350	613 FG	7.30	63	35.6	13.5	.55 1.18		13.2
STONEVILLE 151	596 FGH	5.59	82	36.5	11.6	.53 1.14		14.1
MCNAIR 71418	584 GH	6.52	70	35.2	12.0	.55 1.17		13.2
ACALA 1517-70	517 H	6.09	75	34.2	11.9	.47 1.11		14.4

	• MICRO-	• DRAWING	•	• STELOMETER	•	• COLORI-	•	•
	• NAIRE	• SLIVER	•	•	•	• METER	•	• UNIF.
	•	• UHM	• MEAN	• TO	• T1	• E1	• PD	• B
	•	•	•	•	•	•	•	• RATIO

DPL 6532	4.52	1.20	1.01	44.4	19.7	5.7	76	9.2	84
DELTAPINE 16	3.98	1.26	1.03	39.3	20.5	8.6	76	9.0	82
CP 0803	4.40	1.18	0.98	43.6	20.2	5.4	76	9.2	84
COKER 71105	4.32	1.20	0.98	44.8	21.8	5.9	75	9.4	83
LADASS 5175	4.60	1.15	0.93	45.2	20.9	5.5	75	9.1	81
PD 9363	4.11	1.22	1.00	48.5	22.8	5.3	77	8.9	83
COKER 310	4.17	1.28	1.02	42.8	21.1	6.6	75	9.1	80
PD 9223	3.98	1.23	1.03	44.5	22.3	6.5	77	9.0	84
PD 9241	4.00	1.19	0.99	46.8	21.5	5.4	76	8.6	84
BAYOU 7769	4.06	1.23	1.01	44.3	22.7	6.0	75	9.0	83
BRYCOT 324	4.38	1.26	1.06	48.3	24.4	4.9	75	9.2	85
PD 9232	4.12	1.18	0.97	46.9	21.7	5.6	76	8.9	82
COKER 71500	4.07	1.25	1.02	46.6	21.1	5.5	74	9.1	82
PD 9222	4.49	1.24	1.07	47.0	23.2	6.1	75	9.2	87
BRYCOT 350	4.28	1.17	0.95	45.6	21.1	5.9	74	9.1	82
STONEVILLE 151	4.30	1.21	1.04	49.7	23.9	5.3	73	9.2	87
MCNAIR 71418	4.03	1.19	0.98	42.7	21.5	6.7	75	9.8	83
ACALA 1517-70	3.65	1.21	1.02	51.1	24.3	5.4	73	8.9	85



1973 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM NO. PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 2.5 PCT. PCT.	Y TEN
P 30	851 A	3.50	130	37.9	12.5	.71 1.48	17.1
P 28	837 AB	2.98	153	36.4	11.4	.67 1.37	17.4
P 29	813 AB	3.64	125	38.8	11.8	.69 1.43	17.0
E 4	771 BC	2.98	154	33.8	12.5	.69 1.45	16.9
P 27	769 BC	2.93	156	35.5	11.3	.68 1.39	17.5
P 31	757 BCD	3.53	129	37.2	11.5	.69 1.38	18.0
PIMA S-4	719 CDE	3.61	126	37.5	11.7	.68 1.40	16.5
P 23	686 DE	2.96	155	35.1	11.5	.68 1.40	17.6
E 5	662 E	2.82	163	33.1	12.1	.70 1.44	17.2
PIMA S-3	589 F	3.55	129	34.9	12.1	.69 1.43	16.9

	• MICRO-NAIRE •	DRAWING SLIVER UHM •	• MEAN •	• TO •	STELOMETER T1 •	• E1 •	COLORI-METER RD •	• B •	• UNIF. RATIO •
P 30	4.21	1.43	1.11	52.4	30.4	7.1	66	11.3	78
P 28	4.16	1.34	1.06	52.1	29.8	7.8	67	11.0	79
P 29	4.20	1.40	1.09	51.4	30.0	8.2	69	10.9	78
E 4	4.25	1.42	1.11	53.4	31.0	7.1	73	8.8	78
P 27	4.06	1.36	1.07	51.8	29.8	7.6	67	10.8	79
P 31	4.11	1.36	1.11	51.4	30.5	8.3	74	8.8	81
PIMA S-4	4.17	1.37	1.07	51.1	29.2	8.3	69	10.8	78
P 23	3.94	1.37	1.08	52.1	29.9	7.6	68	10.7	79
E 5	4.21	1.41	1.11	53.5	31.3	7.4	73	8.8	79
PIMA S-3	3.81	1.38	1.07	49.0	28.7	8.1	66	11.2	77

1973 PIMA REGIONAL COTTON VARIETY TEST  
SUBREGIONAL SUMMARY

VARIETIES COMBINING PHOENIX, TEMPE, MARANA, COOLIDGE, MARANA (CLARK), SALOME,  
AND WENDEN

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN	
	• LB.	• LINT	• GRAM	• NO.			• LENGTH			
	• PER	• PER	• PER	• PCT.			• INDEX	• 50		• 2.5
	• PER ACRE	• BOLL	• LB.	•			•	• PCT.		• PCT.
P 30	1036	A	3.43	133	37.3	12.4	.73	1.51	17.7	
P 29	1018	AB	3.56	128	38.3	11.6	.73	1.44	17.7	
P 28	996	ABC	2.90	157	35.6	11.2	.69	1.38	17.8	
P 27	918	BCD	2.85	160	34.8	11.1	.70	1.40	17.8	
P 31	898	CD	3.45	132	36.5	11.4	.70	1.39	18.5	
PIMA S-4	897	CD	3.53	129	36.7	11.7	.71	1.42	17.3	
P 23	825	D	2.88	159	34.3	11.3	.71	1.42	18.0	
E 4	816	D	2.83	162	32.9	12.4	.71	1.46	17.5	
E 5	694	E	2.65	173	32.4	12.0	.72	1.45	17.9	
PIMA S-3	691	E	3.42	134	34.0	12.0	.71	1.46	17.7	

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER		UNIF.
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
P 30	4.16	1.46	1.14	53.0	30.9	7.0	67	11.2	78
P 29	4.19	1.42	1.13	52.5	30.6	8.0	70	10.8	80
P 28	4.15	1.36	1.09	52.6	30.0	7.6	68	10.9	80
P 27	4.08	1.36	1.09	51.9	29.8	7.5	68	10.8	80
P 31	4.16	1.37	1.12	52.0	30.9	8.3	76	8.7	82
PIMA S-4	4.16	1.39	1.10	51.3	29.9	8.2	70	10.8	79
P 23	4.00	1.38	1.10	52.2	30.0	7.4	69	10.8	80
E 4	4.29	1.43	1.12	54.3	31.8	6.9	74	8.8	78
E 5	4.27	1.42	1.12	54.2	31.8	7.3	74	8.7	79
PIMA S-3	3.84	1.41	1.11	49.9	29.6	8.0	67	11.2	79

1973 PIMA REGIONAL COTTON VARIETY TEST  
SUBREGIONAL SUMMARY

VARIETIES COMBINING SAFFORD(PACE), FABENS, EL PASO, PECOS, SAFFORD(EXPT STA),  
SAFFORD(CURTIS), AND LAS CRUCES

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEV
	• LB. LINT	• PER ACRE	• GRAM	• NO.			• LENGTH		
	• PER	• BOLL	• PER	• LB.			• 50	• 2.5	
	• PCT.	• PCT.	• PCT.	• PCT.			• PCT.	• PCT.	
E 4	726	A	3.13	146	34.7	12.6	.68	1.44	16.2
P 28	679	AB	3.07	148	37.2	11.6	.66	1.36	17.0
P 30	666	AB	3.56	128	38.5	12.8	.69	1.45	16.5
E 5	630	B	2.98	153	33.8	12.3	.68	1.43	16.5
P 27	619	B	3.00	152	36.3	11.6	.66	1.37	17.2
P 31	616	BC	3.62	126	37.8	11.6	.67	1.36	17.5
P 29	609	BCD	3.71	123	39.3	11.9	.66	1.41	16.3
P 23	547	CDE	3.04	150	35.8	11.8	.66	1.39	17.3
PIMA S-4	542	DE	3.70	123	38.3	11.8	.65	1.38	15.8
PIMA S-3	486	E	3.67	124	35.7	12.2	.66	1.41	16.2

	. DRAWING .			. STELOMETER .			. COLORI- .		. UNIF. . RATIO
	. MICRO- .	. SLIVER .					. METER .		
	. NAIRE .	. UHM .	. MEAN .	. TO .	. T1 .	. E1 .	. RD .	. B .	
	. .	. .	. .	. .	. .	. .	. .	. .	
E 4	4.20	1.41	1.09	52.4	30.3	7.3	72	8.9	78
P 28	4.17	1.33	1.03	51.5	29.5	8.0	66	11.0	78
P 30	4.26	1.41	1.08	51.8	30.0	7.2	65	11.3	77
E 5	4.14	1.40	1.10	52.8	30.7	7.4	72	8.8	78
P 27	4.04	1.35	1.05	51.8	29.8	7.8	66	10.8	78
P 31	4.05	1.36	1.09	50.8	30.2	8.4	73	8.9	80
P 29	4.21	1.38	1.06	50.4	29.3	8.3	67	11.0	77
P 23	3.89	1.35	1.06	52.0	29.8	7.7	67	10.7	78
PIMA S-4	4.19	1.36	1.03	51.0	28.5	8.3	68	10.8	76
PIMA S-3	3.78	1.36	1.03	48.1	27.9	8.1	66	11.2	76

1973 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATIONS COMBINING VARIETIES

LOCATION	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEV					
	• LB. LINT	• PER ACRE	• GRAM	• NO.			• LENGTH	• 50		• 2.5				
			• PER	• PER							• PCT.	• INDEX	• PCT.	• PCT.
			• BOLL	• LB.										
WENDEN, ARIZ.	1190	A	3.24	143	36.7	11.7	.71	1.40	17.4					
MARANA, ARIZ.	978	B	3.46	133	34.9	12.2	.71	1.46	17.7					
TEMPE, ARIZ.	893	BC	3.18	144	34.8	11.9	.72	1.43	17.9					
SALOME, ARIZ.	890	BC	3.12	147	36.3	11.7	.69	1.41	17.4					
PHOENIX, ARIZ.	879	C	2.72	170	34.3	11.6	.71	1.43	17.9					
FABENS, TEX.	804	CD	3.42	134	37.5	12.2	.67	1.39	16.3					
S.(CURTIS),ARIZ	802	CD	3.28	140	36.7	11.4	.70	1.43	17.8					
MARANA (CLARK),	746	DE	3.20	144	36.4	11.3	.71	1.45	17.9					
SAFFORD, ARIZ.	779	E	3.47	133	35.5	12.4	.74	1.46	18.7					
COOLIDGE, ARIZ.	576	F	3.14	147	33.6	12.1	.73	1.46	18.2					
LAS CR., N.MEX.	555	F	3.15	145	37.5	11.3	.63	1.37	15.7					
PECOS, TEX.	519	F	3.53	130	37.5	12.5	.61	1.36	14.5					
EL PASO, TEX.	488	FG	3.42	134	37.8	12.3	.61	1.35	15.3					
S.(PACE),ARIZ.	478	G	3.17	145	34.7	11.7	.71	1.44	18.4					

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	PATIO
WENDEN, ARIZ.	4.34	1.36	1.11	52.1	30.8	8.0	70	10.6	82
MARANA, ARIZ.	4.06	1.43	1.08	51.3	29.5	7.8	69	10.1	76
TEMPE, ARIZ.	4.19	1.43	1.20	52.1	30.5	7.6	70	10.6	84
SALOME, ARIZ.	4.01	1.36	1.06	52.9	30.6	7.8	71	10.2	78
PHOENIX, ARIZ.	4.26	1.42	1.17	52.2	30.4	7.2	70	10.3	82
FABENS, TEX.	4.40	1.37	1.10	50.7	29.1	8.0	70	10.1	80
S.(CURTIS),ARIZ	3.98	1.40	1.05	52.0	30.1	7.9	69	10.2	76
MARANA (CLARK),	4.00	1.40	1.05	52.9	30.4	7.4	70	10.2	75
SAFFORD, ARIZ.	3.91	1.44	1.16	54.2	31.4	7.5	71	10.2	81
COOLIDGE, ARIZ.	4.75	1.41	1.13	53.2	31.5	7.6	71	10.0	80
LAS CR., N.MEX.	3.79	1.32	1.00	50.9	29.0	7.4	69	10.3	76
PECOS, TEX.	4.60	1.34	1.05	46.3	26.7	8.7	62	11.2	78
EL PASO, TEX.	4.35	1.33	1.01	50.6	29.2	8.2	66	10.0	76
S.(PACE),ARIZ.	3.62	1.39	1.07	54.2	31.7	7.3	71	10.2	77



1973 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

INDIVIDUAL TRAITS

BOLL SIZE, GRAM PER BOLL

P 29	3.64	A
PIMA S-4	3.61	AB
PIMA S-3	3.55	ABC
P 31	3.53	BC
P 30	3.50	C
E 4	2.98	D
P 28	2.98	D
P 23	2.96	D
P 27	2.93	D
E 5	2.82	E

SPAN LENGTH, 50 PCT.

P 30	0.71	A
E 5	0.70	AB
E 4	0.69	BC
PIMA S-3	0.69	BC
P 29	0.69	BC
P 31	0.69	BC
P 23	0.68	C
P 27	0.68	C
PIMA S-4	0.68	C
P 28	0.67	C

BOLL SIZE, NO. PER LB.

E 5	163	A
P 27	156	B
P 23	155	B
E 4	154	B
P 28	153	B
P 30	130	C
P 31	129	C
PIMA S-3	129	C
PIMA S-4	126	C
P 29	125	C

SPAN LENGTH, 2.5 PCT.

P 30	1.48	A
E 4	1.45	B
E 5	1.44	BC
P 29	1.43	C
PIMA S-3	1.43	C
PIMA S-4	1.40	D
P 23	1.40	D
P 27	1.39	DE
P 31	1.38	EF
P 28	1.37	F

LINT PCT.

P 29	38.8	A
P 30	37.9	B
PIMA S-4	37.5	C
P 31	37.2	C
P 28	36.4	D
P 27	35.5	E
P 23	35.1	F
PIMA S-3	34.9	F
E 4	33.8	G
E 5	33.1	H

YARN TENACITY

P 31	18.0	A
P 23	17.6	B
P 27	17.5	BC
P 28	17.4	BCD
E 5	17.2	CDE
P 30	17.1	DE
P 29	17.0	F
E 4	16.9	E
PIMA S-3	16.9	E
PIMA S-4	16.5	F

SEED INDEX

P 30	12.6	A
E 4	12.5	A
E 5	12.1	B
PIMA S-3	12.1	B
P 29	11.8	C
PIMA S-4	11.7	CD
P 23	11.5	DE
P 31	11.5	DE
P 28	11.4	E
P 27	11.3	E

MICRONAIRE

E 4	4.25	A
P 30	4.21	AB
E 5	4.21	AB
P 29	4.20	AB
PIMA S-4	4.17	AB
P 28	4.16	ABC
P 31	4.11	BC
P 27	4.06	C
P 23	3.94	D
PIMA S-3	3.81	E

1973 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

DRAWING SLIVER, UHM

P 30	1.43	A
E 4	1.42	AB
E 5	1.41	BC
P 29	1.40	C
PIMA S-3	1.38	D
PIMA S-4	1.37	DE
P 23	1.37	DE
P 27	1.36	E
P 31	1.36	E
P 28	1.34	F

DRAWING SLIVER, MEAN

P 30	1.11	A
E 4	1.11	A
E 5	1.11	A
P 31	1.11	A
P 29	1.09	AB
P 23	1.08	AB
P 27	1.07	B
PIMA S-3	1.07	B
PIMA S-4	1.07	B
P 28	1.06	B

STELOMETER - TO

E 5	53.5	A
E 4	53.4	A
P 30	52.4	AB
P 23	52.1	BC
P 28	52.1	BC
P 27	51.8	BC
P 31	51.4	BC
P 29	51.4	BC
PIMA S-4	51.1	C
PIMA S-3	49.0	D

STELOMETER - T1

E 5	31.3	A
E 4	31.0	AB
P 31	30.5	BC
P 30	30.4	BCD
P 29	30.0	CD
P 23	29.9	CD
P 28	29.8	DE
P 27	29.8	DE
PIMA S-4	29.2	EF
PIMA S-3	28.7	F

STELOMETER - E1

P 31	8.3	A
PIMA S-4	8.3	A
P 29	8.2	A
PIMA S-3	8.1	A
P 28	7.8	B
P 27	7.6	C
P 23	7.6	C
E 5	7.4	C
P 30	7.1	D
E 4	7.1	D

COLORIMETER -RD

P 31	74	A
E 5	73	B
E 4	73	B
PIMA S-4	69	C
P 29	69	C
P 23	68	D
P 28	67	E
P 27	67	E
P 30	66	F
PIMA S-3	66	F

COLORIMETER -B

P 30	11.3	A
PIMA S-3	11.2	A
P 28	11.0	B
P 29	10.9	BC
PIMA S-4	10.8	CD
P 27	10.8	CD
P 23	10.7	D
E 5	8.8	E
P 31	8.8	E
E 4	8.8	E

UNIFORMITY RATIO

P 31	81	A
E 5	79	B
P 28	79	B
P 23	79	B
P 27	79	B
PIMA S-4	78	BC
E 4	78	BC
P 29	78	BC
P 30	78	BC
PIMA S-3	77	C

1973 PIMA REGIONAL COTTON VARIETY TEST  
WENDEN, ARIZ.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN
	• LB.	• LINT	• GRAM	• NO.			• LENGTH		
	• PER	• ACRE	• PER	• PER			• 50	• 2.5	
	• PER	• ACRE	• BOLL	• LB.			• PCT.	• PCT.	
P 28	1355	A	3.03	150	37.3	11.1	.70	1.36	16.9
P 30	1354	A	3.57	127	38.2	12.4	.73	1.48	17.3
P 29	1348	A	3.78	120	39.3	12.0	.72	1.44	16.9
P 27	1209	AB	2.89	158	36.0	11.1	.67	1.33	17.5
PIMA S-4	1197	AB	3.73	122	38.5	11.6	.70	1.37	16.5
E 4	1170	AB	2.86	161	34.0	12.3	.71	1.41	17.5
P 31	1152	AB	3.54	129	38.0	11.4	.70	1.36	18.2
P 23	1067	B	2.96	154	35.9	11.3	.71	1.36	17.6
PIMA S-3	1051	B	3.51	130	36.2	12.0	.72	1.44	17.7
E 5	1000	B	2.53	181	33.4	11.6	.70	1.38	17.6

•	•	DRAWING	•	•	STELOMETER	•	COLORI-	•
•	MICRO-	SLIVER	•	•	•	•	METER	•
•	NAIRE	UHM	•	•	•	•	RD	•
•	•	MEAN	•	•	•	•	B	•
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P 28	4.36	1.30	1.00	51.6	29.2	7.9	67	11.4	77
P 30	4.41	1.41	1.16	53.1	30.9	7.6	67	11.6	83
P 29	4.35	1.37	1.11	51.0	30.4	8.2	69	11.0	81
P 27	4.28	1.32	1.08	51.3	30.5	7.7	69	11.0	82
PIMA S-4	4.54	1.36	1.15	50.7	30.3	8.9	71	10.5	85
E 4	4.49	1.37	1.09	56.9	32.6	7.2	76	8.7	79
P 31	4.41	1.32	1.13	51.2	31.1	8.8	73	9.7	86
P 23	4.09	1.35	1.10	50.0	30.1	7.6	69	11.3	82
PIMA S-3	4.09	1.39	1.17	50.0	30.7	8.5	67	11.3	84
E 5	4.36	1.35	1.06	55.0	32.5	7.5	76	8.8	79

1973 PIMA REGIONAL COTTON VARIETY TEST  
MARANA, ARIZ.

VARIETY	• YIELD		• BOLL SIZE		• LINT		• SEED		• SPAN		• YTEN
	• LB. LINT		• GRAM	• NO.	• PCT.	• INDEX	• LENGTH				
	• PER ACRE		• PER	• LB.			50	2.5			
			• BOLL	• LB.			PCT.	PCT.			
P 29	1169	A	3.79	120	38.2	11.9	.72	1.49	17.4		
P 30	1116	AB	3.66	124	36.6	13.0	.72	1.50	17.5		
P 28	1082	AB	3.14	145	34.9	12.0	.71	1.43	17.8		
PIMA S-4	1045	B	3.75	122	36.6	12.1	.73	1.46	16.8		
P 27	1026	B	3.10	146	34.4	11.7	.71	1.43	18.2		
P 31	1018	B	3.85	118	36.0	12.0	.72	1.42	18.9		
E 4	1000	B	3.07	148	33.1	12.7	.69	1.48	17.2		
P 23	878	C	3.34	136	33.5	12.0	.74	1.46	18.0		
E 5	802	C	2.92	156	32.1	12.3	.71	1.48	17.8		
PIMA S-3	642	D	3.96	115	33.7	12.4	.67	1.46	17.3		

	DRAWING			STELOMETER			COLDRI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
P 29	4.16	1.44	1.07	50.4	29.8	8.4	70	10.7	75
P 30	4.10	1.47	1.13	52.4	30.8	6.9	65	11.4	77
P 28	4.00	1.40	1.08	52.6	29.3	8.0	66	10.9	78
PIMA S-4	4.06	1.40	1.05	49.8	28.6	8.4	69	10.9	76
P 27	4.11	1.42	1.07	50.3	29.2	7.9	66	10.6	76
P 31	4.06	1.40	1.08	52.0	30.4	8.2	75	7.9	78
E 4	4.13	1.47	1.10	51.2	29.5	7.1	72	8.2	75
P 23	3.77	1.41	0.98	53.0	29.8	7.4	67	10.8	70
E 5	4.26	1.47	1.14	52.0	29.2	7.4	73	8.6	78
PIMA S-3	3.92	1.38	1.07	49.1	28.2	7.9	65	11.0	78



1973 PIMA REGIONAL COTTON VARIETY TEST  
PHOENIX, ARIZ.

VARIETY	• YIELD		• BOLL SIZE		• LINT • PCT.	• SEED • INDEX	• SPAN		• YTEN
	• LB.	• LINT • PER ACRE	• GRAM • PER BOLL	• NO. • LB.			• LENGTH 50 2.5 PCT. PCT.		
P 30	1166	A	3.04	150	37.2	12.2	.74	1.51	17.6
P 28	1149	A	2.54	179	34.8	10.5	.67	1.36	17.9
P 29	1068	AB	3.28	138	37.3	11.6	.73	1.41	18.1
PIMA S-4	975	BC	3.06	149	35.4	11.8	.72	1.42	18.0
P 27	949	BC	2.38	191	33.3	11.1	.69	1.43	17.8
P 23	925	BC	2.36	193	33.2	10.9	.69	1.40	18.0
P 31	845	C	3.02	151	35.8	11.4	.70	1.38	18.8
E 4	615	D	2.39	190	31.5	12.5	.71	1.45	18.0
PIMA S-3	554	D	2.90	158	32.9	11.8	.71	1.46	17.1
E 5	544	D	2.25	203	31.3	12.2	.74	1.44	17.6

	• DRAWING			• STEELMETER			• COLDRI-		
	• MICRO-			• SLIVER			• METER		
	• NAIRE			• UHM • MEAN			• TO • T1 • E1		
	•			•			• RD • B •		
									• UNIF. RATIO
P 30	4.21	1.47	1.10	52.3	30.0	6.6	67	11.0	75
P 28	4.29	1.38	1.17	52.8	30.5	7.1	68	11.1	85
P 29	4.29	1.45	1.21	53.4	30.7	8.0	71	10.9	84
PIMA S-4	4.32	1.41	1.14	51.5	30.1	7.3	71	10.6	82
P 27	4.09	1.37	1.13	51.6	29.3	7.0	69	10.8	83
P 23	4.14	1.41	1.18	50.9	29.1	7.0	69	10.5	84
P 31	4.34	1.39	1.19	51.6	31.0	7.7	76	8.5	86
E 4	4.43	1.45	1.15	53.7	32.5	6.7	74	9.0	80
PIMA S-3	4.17	1.46	1.18	49.4	28.2	7.9	67	11.3	81
E 5	4.31	1.45	1.21	54.0	32.1	6.8	74	8.9	83

1973 PIMA REGIONAL COTTON VARIETY TEST  
TEMPE, ARIZ.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• YTEN
	• LB. LINT		• GRAM				• LENGTH		
	• PER ACRE		• PER	• LB.			• 50	• 2.5	
			• BOLL	•			• PCT.	• PCT.	
P 29	1126	A	3.54	128	37.7	11.7	.73	1.44	18.2
P 30	1105	A	3.43	132	36.7	12.4	.73	1.53	17.0
P 28	954	B	2.96	154	35.0	11.3	.69	1.37	18.3
P 27	949	B	2.97	153	34.4	11.2	.70	1.39	17.9
PIMA S-4	912	B	3.47	131	36.2	11.6	.71	1.40	17.6
P 31	908	B	3.41	133	35.7	11.8	.75	1.41	18.7
P 23	840	BC	2.97	153	33.8	11.8	.70	1.41	18.2
E 4	761	C	2.98	152	32.5	12.3	.74	1.47	17.3
E 5	733	CD	2.83	161	32.7	12.7	.71	1.44	17.7
PIMA S-3	642	D	3.25	140	33.5	12.2	.73	1.44	18.2

•	•	DRAWING	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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P 29	4.22	1.45	1.24	52.0	31.0	7.6	70	11.0	86
P 30	4.24	1.48	1.23	52.3	30.0	6.9	67	11.3	83
P 28	4.18	1.38	1.15	52.1	30.3	7.9	69	11.4	84
P 27	4.16	1.38	1.18	52.6	30.4	7.4	69	10.9	86
PIMA S-4	4.07	1.42	1.17	51.3	30.4	8.2	70	11.1	83
P 31	4.25	1.38	1.18	51.8	30.3	7.9	77	8.9	86
P 23	4.19	1.43	1.23	52.9	30.3	7.5	69	11.1	86
E 4	4.44	1.45	1.26	53.0	31.0	7.0	73	9.4	87
E 5	4.36	1.43	1.22	51.9	31.2	7.8	74	9.2	86
PIMA S-3	3.76	1.45	1.16	51.0	30.4	7.6	68	11.1	80

1973 PIMA REGIONAL COTTON VARIETY TEST  
SALOME, ARIZ.

VARIETY									
	•	•	•	•	•	•	•	•	•
	• YIELD	• BOLL SIZE	•	•	•	•	•	•	•
	• LB. LINT	• GRAM • NO. • LINT • SEED • SPAN •	•	•	•	•	•	•	•
	• PER ACRE	• PER • PER • PCT. • INDEX • 50 2.5 •	•	•	•	•	•	•	•
		• BOLL • LB. •					• PCT. PCT. •		• YTEN
P 31	998 A	3.39 134	37.9	10.7	.65	1.35	17.2		
E 4	970 AB	2.98 153	33.9	11.9	.69	1.44	17.9		
P 30	951 AB	3.34 136	37.9	11.9	.70	1.50	17.8		
P 29	939 AB	3.46 131	38.7	11.1	.72	1.43	17.1		
P 28	917 AB	2.86 160	36.6	10.7	.66	1.36	17.7		
P 27	916 AB	2.81 162	36.0	10.5	.69	1.38	17.3		
E 5	834 AB	2.80 162	33.4	11.6	.76	1.47	17.9		
P 23	829 AB	2.76 165	35.4	10.3	.67	1.38	17.2		
PIMA S-3	787 AB	3.35 136	35.5	11.0	.68	1.43	17.5		
PIMA S-4	761 B	3.43 133	37.3	10.8	.66	1.37	16.3		

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	• MICRO-	• DRAWING	•	•	•	•	•	•	•
	• NAIRE	• SLIVER	•	•	•	•	•	•	•
	• UHM	• MEAN	•	•	•	•	•	•	•
P 31	4.20	1.33	1.08	51.0	30.3	9.0	77	8.9	82
E 4	4.15	1.39	1.08	55.8	32.8	6.7	75	8.9	78
P 30	4.01	1.42	1.10	52.7	30.9	7.2	68	10.9	78
P 29	4.10	1.37	1.08	54.4	30.2	8.0	70	10.5	79
P 28	4.11	1.31	1.04	52.5	30.2	7.6	69	10.7	80
P 27	3.99	1.31	1.03	52.7	28.6	7.5	69	10.7	79
E 5	4.15	1.38	1.10	55.4	32.3	7.4	77	8.5	80
P 23	3.74	1.34	1.05	52.1	30.1	7.8	69	10.6	79
PIMA S-3	3.59	1.35	1.02	50.9	30.3	7.9	68	11.3	76
PIMA S-4	4.04	1.32	1.00	51.7	29.7	8.4	71	10.9	76

1973 PIMA REGIONAL COTTON VARIETY TEST  
S.(CURTIS), ARIZ.

VARIETY									
	• YIELD			• BOLL SIZE		• LINT		• SEED	
	• LB. LINT			• GRAM	• NO.	• PCT.	• INDEX	• LENGTH	
	• PER ACRE			• PER BOLL	• PER LB.			• 50 PCT.	• 2.5 PCT.
E 4	986	A		3.12	146	34.8	11.3	.72	1.48
E 5	926	AB		2.90	157	33.6	11.7	.70	1.43
P 31	868	BC		3.77	121	38.4	11.0	.68	1.40
P 28	833	BCD		2.92	155	37.2	10.9	.69	1.37
P 30	800	CDE		3.42	133	38.4	12.4	.75	1.50
P 29	793	CDE		3.53	129	39.1	11.5	.72	1.46
P 27	759	CDE		2.92	156	36.8	11.0	.69	1.39
PIMA S-4	740	DE		3.63	125	38.2	11.5	.66	1.40
P 23	692	EF		3.01	151	36.0	11.2	.64	1.37
PIMA S-3	618	F		3.57	128	34.9	11.4	.70	1.45

	• DRAWING			• STELOMETER			• COLORI-		
	• MICRO-	• SLIVER					• METER	• UNIF.	
	• NAIRE	• UHM	• MEAN	• TO	• T1	• E1	• RD	• B	• RATIO

E 4	4.21	1.44	1.13	52.9	30.5	7.3	73	8.9	79
E 5	4.10	1.43	1.10	52.7	31.2	7.8	74	8.9	77
P 31	3.96	1.39	1.09	50.9	30.4	8.7	75	8.7	78
P 28	3.95	1.34	1.01	51.3	29.9	7.9	67	10.8	76
P 30	4.13	1.43	1.05	51.8	29.9	6.9	65	11.3	74
P 29	4.20	1.42	1.08	52.1	29.4	8.3	69	10.9	76
P 27	4.01	1.36	1.03	51.8	30.0	7.9	68	10.7	76
PIMA S-4	4.03	1.37	1.01	52.1	29.6	8.5	70	10.5	74
P 23	3.71	1.35	1.01	54.0	30.8	7.5	69	10.3	75
PIMA S-3	3.44	1.38	1.01	49.7	29.2	8.0	67	11.1	73



1973 PIMA REGIONAL COTTON VARIETY TEST  
FABENS, TEX.

VARIETY									
	•	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAM	NO.	LINT	SEED	SPAN	LENGTH	YTEN
	LB. LINT	PER	PER	PER	PCT.	INDEX	50	2.5	
	PER ACPE	BOLL	LB.				PCT.	PCT.	
E 4	966 A	3.22	141	35.5	13.0	.73	1.47	16.5	
P 30	922 AB	3.52	129	39.7	12.5	.67	1.40	16.0	
E 5	869 BC	3.18	142	34.1	13.0	.70	1.46	16.5	
P 28	843 BCD	3.11	146	38.0	11.9	.68	1.37	16.7	
P 29	795 CDE	3.73	122	40.7	11.7	.61	1.34	15.5	
P 27	771 DEF	2.97	153	36.7	11.5	.67	1.38	17.4	
P 31	757 EF	3.82	119	37.8	11.9	.64	1.33	17.3	
P 23	710 EF	3.11	146	36.1	12.1	.68	1.41	17.4	
PIMA S-4	704 F	3.61	126	39.4	11.6	.63	1.32	14.0	
PIMA S-3	698 F	3.86	117	37.0	12.7	.67	1.39	15.6	

	•	•	•	•	•	•	•	•	•
	DRAWING	STELOMETER	COLORI-						
	MICRO-	SLIVER	METER	UNIF.					
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO

E 4	4.53	1.46	1.21	51.1	30.1	7.7	73	8.6	83
P 30	4.59	1.38	1.13	50.7	29.8	7.2	67	10.9	82
E 5	4.53	1.45	1.22	52.0	29.6	7.9	74	8.6	85
P 28	4.63	1.33	1.05	52.4	29.8	8.0	67	10.7	80
P 29	4.30	1.35	1.01	50.2	28.6	8.0	70	10.7	75
P 27	4.26	1.31	1.02	52.1	29.3	7.6	67	10.6	78
P 31	4.34	1.38	1.16	48.7	29.0	9.0	74	8.9	84
P 23	4.31	1.39	1.14	50.4	28.5	8.2	68	10.5	82
PIMA S-4	4.37	1.29	1.01	50.5	27.8	8.3	71	10.5	78
PIMA S-3	4.09	1.34	1.01	49.2	27.8	8.2	66	10.9	76

1973 PIMA REGIONAL COTTON VARIETY TEST  
MARANA (CLARK), ARIZ.

VARIETY	• YIELD		• BOLL SIZE		• LINT		• SEED		• SPAN		YTEN
	• LB. LINT		• GRAM		• NO.		• LENGTH		•		
	• PER ACRE		• PER		• PCT.		• INDEX		• 50 2.5		
			• BOLL		• LB.				• PCT. PCT.		
P 28	844	A	2.92	156	36.5	11.0	.70	1.41		17.7	
E 4	809	A	2.88	158	34.0	11.9	.70	1.48		17.9	
P 30	797	A	3.52	129	38.7	12.0	.71	1.50		17.9	
PIMA S-3	773	AB	3.62	125	35.7	11.8	.72	1.45		17.8	
P 29	753	AB	3.49	130	39.5	11.0	.72	1.43		18.0	
P 31	751	AB	3.53	129	37.7	10.8	.69	1.38		18.2	
PIMA S-4	716	AB	3.63	125	37.8	11.5	.68	1.44		17.8	
P 23	709	AB	2.88	158	35.6	11.0	.72	1.45		18.0	
P 27	695	AB	2.83	161	35.7	10.8	.69	1.42		17.9	
E 5	608	B	2.67	170	33.2	11.5	.71	1.48		18.0	

.	DRAWING	.	STELOMETER	.	COLORI-	.
. MICRO-	SLIVER	.	.	.	METER	. UNIF.
. NAIRE	UHM . MEAN	. TO	. T1	. E1	. RD . B	. RATIO
.	.	.	.	.	.	.

P 28	4.11	1.37	1.05	53.2	29.7	7.3	68	10.4	77
E 4	4.20	1.44	1.08	54.1	31.6	6.7	74	8.5	75
P 30	3.98	1.45	1.09	53.9	31.0	6.8	66	11.3	76
PIMA S-3	3.80	1.41	1.04	49.6	28.3	8.1	68	11.1	74
P 29	3.88	1.40	1.04	53.1	31.4	7.8	70	10.9	75
P 31	3.94	1.37	1.05	52.9	30.6	7.8	77	8.4	77
PIMA S-4	3.94	1.40	1.05	51.8	29.1	8.0	70	10.8	75
P 23	4.00	1.35	1.02	52.5	30.7	7.0	69	10.8	76
P 27	3.93	1.37	1.03	51.0	29.5	7.3	67	10.9	75
E 5	4.15	1.44	1.03	56.2	32.3	6.9	74	8.4	72

1973 PIMA REGIONAL COTTON VARIETY TEST  
SAFFORD, ARIZ.

VARIETY	. YIELD		. BOLL SIZE		. LINT	. SEED	. SPAN		. YTEN
	. LB. LINT		. GRAM				. LENGTH		
	. PER ACRE		. PER				. 50 2.5		
			. BOLL				. PCT. PCT.		
E 4	838	A	3.23	141	33.5	12.8	.76	1.49	18.2
P 29	784	AB	3.90	117	38.1	12.5	.75	1.48	18.4
P 28	767	AB	3.10	147	36.0	12.0	.67	1.37	19.1
E 5	736	BC	3.21	142	32.8	12.4	.81	1.52	18.2
P 31	723	BC	3.79	120	36.5	12.1	.75	1.41	19.8
P 30	700	BCD	3.74	122	37.2	13.4	.75	1.48	18.8
P 27	692	BCD	2.92	156	35.3	11.8	.69	1.40	18.9
P 23	668	CD	3.11	146	34.5	12.5	.73	1.43	19.0
PIMA S-4	622	DE	3.90	117	37.0	12.3	.75	1.47	18.2
PIMA S-3	562	E	3.76	121	33.9	12.7	.76	1.49	18.1

	. DRAWING		. STELOMETER		. COLORI-	. UNIF.			
	. MICRO-		. SLIVER						
	. NAIRE		. UHM						
			. MEAN						
E 4	4.05	1.45	1.18	54.8	31.9	7.3	76	8.5	82
P 29	4.15	1.44	1.14	52.2	31.1	8.0	69	11.1	79
P 28	3.90	1.38	1.11	53.8	30.8	7.5	67	11.1	81
E 5	3.88	1.49	1.24	54.5	31.7	7.1	77	8.5	84
P 31	3.89	1.44	1.18	54.6	32.4	7.5	77	8.6	82
P 30	4.04	1.47	1.16	55.3	31.8	7.2	66	11.2	80
P 27	3.85	1.41	1.16	54.5	31.4	7.4	69	10.6	82
P 23	3.82	1.43	1.16	54.8	31.5	7.4	69	10.5	82
PIMA S-4	4.00	1.45	1.14	53.8	31.0	8.0	70	10.8	79
PIMA S-3	3.54	1.45	1.11	53.7	30.6	7.9	68	11.0	77

1973 PIMA REGIONAL COTTON VARIETY TEST  
COOLIDGE, ARIZ.

VARIETY									
	•	•	•	•	•	•	•	•	•
	• YIELD	• BOLL SIZE	•	•	•	•	•	•	•
	• LB. LINT	• GRAM	• NO.	• LINT	• SEED	• LENGTH	•	•	•
	• PER ACRE	• PER	• PER	• PCT.	• INDEX	• 50	• 2.5	•	•
		• BOLL	• LB.	•	•	• PCT.	• PCT.	•	•
P 30	763 A	3.45	132	35.7	13.2	.76	1.54	18.7	
P 29	724 A	3.58	127	37.1	12.0	.72	1.46	17.9	
P 27	683 AB	2.97	153	33.7	11.4	.72	1.43	18.0	
PIMA S-4	670 AB	3.62	126	35.3	12.5	.74	1.46	17.9	
P 28	668 AB	2.85	159	34.0	11.4	.68	1.38	18.1	
P 31	613 B	3.42	133	34.6	11.8	.71	1.42	19.6	
P 23	524 C	2.88	158	33.0	11.6	.73	1.45	18.6	
PIMA S-3	391 D	3.38	134	30.3	12.5	.73	1.49	18.1	
E 4	387 D	2.68	170	31.2	12.8	.72	1.49	16.7	
E 5	335 D	2.53	179	30.8	12.3	.73	1.45	18.3	

	•	•	•	•	•	•	•	•	•
	• MICRO-	• DRAWING	•	•	•	•	•	•	•
	• NAIRE	• SLIVER	•	•	•	•	•	•	•
	• UHM	• MEAN	• TO	• T1	• E1	• RD	• B	•	•
	•	•	•	•	•	•	•	•	•
P 30	4.14	1.49	1.17	54.0	32.8	7.3	69	10.7	79
P 29	4.30	1.42	1.14	52.8	30.9	8.1	72	10.1	80
P 27	3.96	1.37	1.11	53.2	30.9	7.3	70	10.5	81
PIMA S-4	4.11	1.43	1.13	51.9	30.6	8.3	71	10.3	79
P 28	3.95	1.37	1.13	53.4	30.7	7.6	70	10.6	83
P 31	3.94	1.39	1.15	53.1	32.6	8.3	77	8.3	83
P 23	4.06	1.36	1.11	54.2	30.1	7.7	70	10.5	82
PIMA S-3	3.50	1.41	1.11	49.0	30.6	7.8	69	11.0	79
E 4	4.15	1.43	1.09	55.3	32.2	6.8	72	8.8	76
E 5	4.31	1.38	1.09	54.4	33.0	7.3	73	8.7	79



1973 PIMA REGIONAL COTTON VARIETY TEST  
LAS CR., N.MEX.

VARIETY	•		• BOLL SIZE •		•		• SPAN •		• YTEN
	• YIELD		• GRAM • NO.		• LINT •		• LENGTH		
	• LB. LINT		• PER • PER		• PCT. •		• 50 2.5		
	• PER ACRE		• BOLL • LB.		•		• PCT. PCT.		
P 30	647	A	3.47	131	39.4	12.2	.63	1.42	15.6
P 28	600	AB	2.90	156	37.4	11.0	.61	1.34	16.4
E 4	587	AB	2.80	162	36.2	11.5	.61	1.41	14.7
P 31	586	AB	3.28	139	38.7	10.5	.63	1.32	15.7
P 27	586	AB	3.02	151	36.7	11.3	.64	1.32	15.7
PIMA S-4	561	AB	3.49	130	38.8	11.3	.62	1.36	15.0
P 29	556	AB	3.42	133	40.6	11.2	.62	1.37	15.8
E 5	552	AB	2.77	164	35.2	11.0	.63	1.41	15.5
PIMA S-3	449	B	3.53	129	36.0	12.0	.62	1.33	15.4
P 23	430	B	2.81	162	35.6	11.1	.62	1.38	16.7

	•	•	DRAWING	•	STELOMETER	•	COLORI-	•		
	•	MICRO-	SLIVER	•	•	•	METER	•	UNIF.	
	•	NAIRE	UHM	•	TO	•	T1	•	E1	
	•	•	•	•	•	•	RD	•	B	
	•	•	•	•	•	•	•	•	RATIO	
P 30		4.05	1.39	1.04	51.2	29.5	7.2	65	11.3	75
P 28		3.85	1.30	0.98	52.5	29.5	7.5	68	11.0	76
E 4		3.74	1.34	0.98	50.6	28.0	6.8	71	9.3	73
P 31		3.59	1.28	0.99	50.3	29.4	8.1	74	8.7	78
P 27		3.97	1.32	1.03	49.9	29.0	7.4	67	10.8	78
PIMA S-4		3.94	1.31	0.99	50.3	27.9	7.9	68	10.9	76
P 29		3.80	1.34	1.01	50.6	29.5	7.8	70	10.8	76
E 5		3.77	1.32	0.97	52.8	30.5	6.8	74	8.6	74
PIMA S-3		3.82	1.32	0.99	46.6	25.2	7.8	67	11.3	76
P 23		3.39	1.30	0.99	53.6	30.8	6.8	67	10.5	76

1973 PIMA REGIONAL COTTON VARIETY TEST  
EL PASO, TEX.

VARIETY	• YIELD		• BOLL SIZE		• LINT		• SEED		• SPAN		• Y TEN
	• LB. LINT		• GRAM		• NO.		• INDEX		• LENGTH		
	• PER ACRE		• PER		• PER		•		• 50 2.5		
			• BOLL		• LB.		•		• PCT. PCT.		
E 4	640	A	3.42	133	35.8	13.4	.62	1.39		14.4	
P 28	581	AB	3.18	143	38.5	12.1	.62	1.35		16.0	
E 5	576	AB	3.16	144	35.6	12.6	.59	1.34		14.7	
P 27	521	BC	2.87	158	37.7	11.3	.57	1.32		16.7	
P 30	490	C	3.57	127	40.0	12.4	.61	1.39		15.2	
P 31	470	CD	3.65	124	38.0	12.0	.61	1.33		15.0	
PIMA S-3	412	DE	3.76	121	36.8	12.6	.58	1.34		15.2	
P 23	405	DE	3.11	146	37.1	12.0	.65	1.35		15.8	
P 29	395	E	3.67	124	39.2	12.4	.61	1.38		14.5	
PIMA S-4	394	E	3.78	120	39.0	12.0	.59	1.33		14.8	

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	•	DRAWING	•	STELOMETER	•	•	•	•	•
	•	MICRO-	•	SLIVER	•	•	•	METER	•
	•	NAIRE	•	UHM	•	TO	•	T1	•
	•	•	•	MEAN	•	•	•	E1	•
	•	•	•	•	•	•	•	RD	•
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1973 PIMA REGIONAL COTTON VARIETY TEST  
PECOS, TEX.

VARIETY	• YIELD		• BOLL SIZE		• LINT	• SEED	• SPAN		• Y TEN
	• LB. LINT		• GRAM				• LENGTH		
	• PER ACRE		• PER				• 50 2.5		
			• BOLL				• PCT. PCT.		
E 4	620	A	3.28	138	34.7	13.2	.58	1.35	14.0
P 28	597	AB	3.29	138	37.7	11.9	.63	1.35	14.5
P 29	587	AB	4.33	105	40.4	12.5	.64	1.38	14.5
P 30	573	AB	3.67	124	38.7	13.6	.66	1.43	14.5
P 23	547	AB	3.19	142	37.2	11.9	.57	1.32	14.9
P 27	547	AB	3.14	145	36.9	12.1	.60	1.33	15.1
E 5	546	AB	3.10	146	33.5	13.1	.62	1.39	13.8
P 31	457	ABC	3.55	128	38.3	12.1	.62	1.32	15.5
PIMA S-4	398	BC	3.88	118	39.1	12.3	.59	1.35	14.1
PIMA S-3	318	C	3.87	118	37.8	12.3	.58	1.35	13.7

DRAWING			STELOMETER			COLORI-		UNIF.
MICRO-	SLIVER					METER		
NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
4.69	1.37	1.06	48.2	27.1	8.0	66	9.4	78
4.64	1.28	1.01	46.9	26.9	9.1	61	12.0	79
4.73	1.35	1.07	46.9	26.1	9.1	60	11.8	80
4.80	1.40	1.07	47.8	26.6	7.9	60	12.4	77
4.39	1.32	1.03	48.8	27.9	8.0	61	11.2	78
4.43	1.31	1.04	48.3	27.4	8.7	60	11.6	80
4.64	1.36	1.04	46.8	27.1	8.4	65	9.5	77
4.43	1.33	1.09	46.3	25.6	9.0	63	10.4	83
4.86	1.34	1.01	47.8	26.4	8.9	62	11.3	76
4.35	1.30	1.02	35.5	25.0	9.3	60	11.9	79

1973 PIMA REGIONAL COTTON VARIETY TEST  
S.(PACE), ARIZ.

VARIETY	YIELD		BOLL SIZE		LINT PCT.	SEED INDEX	SPAN		YTEN
	LB.	LINT PER ACRE	GRAM PER BOLL	NO. PER LB.			LENGTH 50 PCT.	2.5 PCT.	
P 28	532	A	2.95	154	35.6	11.3	.69	1.38	18.4
P 30	531	A	3.54	129	36.2	13.1	.72	1.52	18.6
P 27	460	AB	3.17	144	33.8	11.8	.71	1.41	18.8
P 31	452	AB	3.45	132	36.7	11.1	.74	1.41	19.9
E 4	446	AB	2.86	159	32.6	12.2	.72	1.48	17.7
P 23	379	B	2.90	157	34.3	11.4	.71	1.43	18.6
PIMA S-4	372	B	3.58	128	36.2	11.5	.68	1.41	17.3
P 29	350	B	3.39	134	36.6	11.5	.68	1.44	18.4
PIMA S-3	348	B	3.32	137	33.7	11.6	.71	1.47	17.6
E 5	207	C	2.57	177	31.6	11.9	.70	1.44	18.2

	DRAWING			STELOMETER			COLORI-		
	MICRO-	SLIVER					METER	UNIF.	
	NAIRE	UHM	MEAN	TO	T1	E1	RD	B	RATIO
P 28	3.79	1.34	1.04	52.9	30.7	7.3	68	10.6	78
P 30	3.86	1.45	1.11	53.7	32.2	6.7	68	11.0	76
P 27	3.74	1.38	1.06	53.5	31.6	7.6	68	10.7	77
P 31	3.66	1.36	1.08	55.4	34.3	7.5	77	8.8	80
E 4	3.49	1.42	1.09	57.4	33.2	6.5	76	8.8	77
P 23	3.53	1.35	1.02	52.0	30.4	7.4	69	10.9	76
PIMA S-4	3.59	1.39	1.02	52.7	29.2	7.9	71	10.4	74
P 29	3.84	1.40	1.09	53.0	31.8	7.9	69	10.5	78
PIMA S-3	3.30	1.39	1.04	52.0	29.1	7.6	68	11.4	75
E 5	3.42	1.43	1.09	59.0	33.9	6.4	78	8.7	77



## 1973 COMBED-YARN TEST

Phoenix, Ariz.

Test	Variety				
	Pima S-3	Pima S-4	P 23	P 27	P 28
Classer's designation:					
Grade .....	7	6	7	7	7
Staple: 32's inch .	44	44	44	44	44
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.44	1.43	1.37	1.37	1.39
Mean .....	1.21	1.19	1.17	1.14	1.15
Stelometer:					
T0, cN/tex .....	49.64	51.13	51.06	50.10	52.39
T1, cN/tex .....	28.35	29.40	29.18	29.00	29.71
E1, percent .....	8.9	8.2	7.6	7.7	7.6
Micronaire .....	3.23	3.88	3.50	3.78	3.68
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	17.39	16.92	17.86	16.69	17.63
7.4 tex, combed ...	15.75	14.25	15.38	15.00	15.38
Yarn appearance index	105	115	100	105	115
Yarn imperfections:					
11.8 tex, combed ...	3	1	3	4	2
7.4 tex, combed ...	1	1	2	2	1
Waste, percent:					
Picker and card ....	15.2	10.7	14.3	14.4	13.3
Comber .....	20.2	18.3	19.8	20.6	18.9
	P 29	P 30	P 31	E 4*	E 5*
Classer's designation:					
Grade .....	6	6	6	10	10
Staple: 32's inch .	44	44	44	44	44
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.44	1.47	1.39	...	...
Mean .....	1.22	1.22	1.19	...	...
Stelometer:					
T0, cN/tex .....	50.47	51.62	50.78	...	...
T1, cN/tex .....	30.01	29.98	30.71	...	...
E1, percent .....	8.5	7.4	7.6	...	...
Micronaire .....	3.90	3.75	3.58	...	...
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	16.92	17.63	17.63	...	...
7.4 tex, combed ...	14.63	15.38	15.38	...	...
Yarn appearance index	120	105	120	...	...
Yarn imperfections:					
11.8 tex, combed ...	1	2	1	...	...
7.4 tex, combed ...	1	1	1	...	...
Waste, percent:					
Picker and card ....	10.1	11.0	13.2	...	...
Comber .....	18.0	20.5	17.0	...	...

\*These samples were sticky and could not be carded.

1973 COMBED-YARN TEST  
Safford, Ariz. (Curtis Farm)

Test	Variety				
	Pima S-3	Pima S-4	P 23	P 27	P 28
Classer's designation:					
Grade .....	7	5	6	7	6
Staple: 32's inch ..	44	44	44	44	44
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.41	1.33	1.37	1.37	1.33
Mean .....	1.15	1.11	1.16	1.15	1.10
Stelometer:					
T0, cN/tex .....	49.33	51.47	52.86	50.34	51.99
T1, cN/tex .....	28.82	29.73	29.97	30.60	28.96
E1, percent .....	7.9	7.6	7.9	7.7	8.1
Micronaire .....	3.28	3.83	3.35	3.62	3.75
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	17.63	15.98	18.10	17.63	17.63
7.4 tex, combed ...	15.00	13.50	15.75	15.38	15.38
Yarn appearance index	110	120	110	110	110
Yarn imperfections:					
11.8 tex, combed ...	2	1	2	2	2
7.4 tex, combed ...	2	1	1	2	1
Waste, percent:					
Picker and card ....	15.2	10.3	14.8	14.0	12.9
Comber .....	19.3	18.8	19.8	19.4	18.6
	P 29	P 30	P 31	E 4	E 5
Classer's designation:					
Grade .....	5	7	5	10	10
Staple: 32's inch ..	44	44	44	44	44
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.42	1.42	1.39	1.42	1.44
Mean .....	1.18	1.16	1.18	1.20	1.17
Stelometer:					
T0, cN/tex .....	51.33	50.98	50.43	52.21	52.62
T1, cN/tex .....	29.31	29.90	29.92	29.26	30.62
E1, percent .....	8.1	7.1	7.9	7.4	7.9
Micronaire .....	3.73	3.73	3.65	4.00	4.05
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	16.45	16.92	17.86	16.92	17.39
7.4 tex, combed ...	14.25	15.00	15.38	14.63	15.38
Yarn appearance index	115	105	120	115	115
Yarn imperfections:					
11.8 tex, combed ...	1	3	1	2	2
7.4 tex, combed ...	0	1	2	1	1
Waste, percent:					
Picker and card ....	9.6	12.2	12.2	25.7	28.4
Comber .....	18.1	19.8	17.2	17.4	18.6

## 1973 COMBED-YARN TEST

El Paso, Tex.

Test	Variety				
	Pima S-3	Pima S-4	P 23	P 27	P 28
Classer's designation:					
Grade .....	7	6	7	7	6
Staple: 32's inch .	44	44	44	44	44
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.37	1.41	1.36	1.33	1.30
Mean .....	1.09	1.15	1.07	1.06	1.00
Stelometer:					
T0, cN/tex .....	48.99	50.52	51.28	50.67	52.10
T1, cN/tex .....	28.09	28.59	28.44	28.93	29.74
E1, percent .....	8.8	8.5	8.1	8.0	7.8
Micronaire .....	3.68	4.00	3.48	3.70	3.65
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	15.75	15.98	17.16	16.22	17.39
7.4 tex, combed ...	14.63	14.25	15.75	15.00	15.38
Yarn appearance index	120	120	120	115	125
Yarn imperfections:					
11.8 tex, combed ...	1	1	1	1	1
7.4 tex, combed ...	1	1	1	1	1
Waste, percent:					
Picker and card ....	17.0	11.2	17.1	17.3	16.1
Comber .....	17.6	19.1	18.0	18.3	17.7
	P 29	P 30	P 31	E 4	E 5
Classer's designation:					
Grade .....	5	6	7	9	9
Staple: 32's inch .	44	44	44	46	46
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.40	1.44	1.44	1.38	1.39
Mean .....	1.12	1.13	1.17	1.08	1.13
Stelometer:					
T0, cN/tex .....	50.49	52.74	48.53	51.74	52.17
T1, cN/tex .....	29.31	29.13	29.29	30.45	30.26
E1, percent .....	8.9	7.7	8.3	7.8	8.4
Micronaire .....	3.80	3.85	3.70	4.00	3.93
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	16.69	16.69	16.92	16.45	16.92
7.4 tex, combed ...	14.63	14.63	15.00	13.88	14.63
Yarn appearance index	125	120	120	120	125
Yarn imperfections:					
11.8 tex, combed ...	0	1	1	1	1
7.4 tex, combed ...	0	1	1	1	1
Waste, percent:					
Picker and card ....	14.4	14.1	16.7	24.8	26.3
Comber .....	17.3	18.0	17.4	18.7	17.4

## 1973 COMBED-YARN TEST

Fabens, Tex.

Test	Variety				
	Pima S-3	Pima S-4	P 23	P 27	P 28
Classer's designation:					
Grade .....	6	5	7	7	7
Staple: 32's inch ..	44	44	44	44	44
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.33	1.35	1.37	1.36	1.31
Mean .....	1.05	1.06	1.13	1.10	1.06
Stelometer:					
T0, cN/tex .....	46.84	48.92	48.00	49.84	49.76
T1, cN/tex .....	25.73	25.75	27.09	27.52	27.68
E1, percent .....	8.8	8.9	8.1	8.2	8.8
Micronaire .....	3.68	3.80	3.58	3.80	3.78
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	15.51	14.57	17.39	16.69	16.22
7.4 tex, combed ...	13.50	12.75	15.00	14.63	14.63
Yarn appearance index	120	125	120	120	125
Yarn imperfections:					
11.8 tex, combed ...	1	1	1	1	1
7.4 tex, combed ...	1	0	0	1	1
Waste, percent:					
Picker and card ....	14.1	10.4	16.1	14.9	15.4
Comber .....	19.1	18.7	18.8	19.2	18.7
	P 29	P 30	P 31	E 4	E 5
Classer's designation:					
Grade .....	5	6	7	9	9
Staple: 32's inch .	44	44	44	46	46
Comber-drawing sliver:					
Fibrograph, inches:					
Upper-half mean ..	1.35	1.39	1.34	1.42	1.41
Mean .....	1.06	1.09	1.07	1.12	1.19
Stelometer:					
T0, cN/tex .....	48.92	49.34	48.80	50.29	50.25
T1, cN/tex .....	25.92	27.76	27.31	27.51	27.63
E1, percent .....	8.4	7.7	9.0	7.8	8.4
Micronaire .....	3.75	3.98	3.82	4.13	4.03
Yarn tenacity, cN/tex:					
11.8 tex, combed ...	15.04	15.75	16.45	15.04	15.98
7.4 tex, combed ...	13.13	13.88	14.25	13.50	13.88
Yarn appearance index	125	125	125	125	120
Yarn imperfections:					
11.8 tex, combed ...	1	0	1	1	1
7.4 tex, combed ...	1	0	1	1	1
Waste, percent:					
Picker and card ....	11.1	11.5	14.1	22.6	24.6
Comber .....	16.3	18.5	19.1	18.3	17.4



## ACKNOWLEDGMENTS

The success of the National Cotton Variety Testing Program results from the interest and diligence of many workers who conducted the tests, processed the fiber samples, tabulated the information, and analyzed the data. The following were primarily responsible for furnishing field data and providing samples:

Alabama--W. C. Johnson, Auburn; John Boseck, Belle Mina; S. E. Gissendanner, Crossville.  
Arizona--W. D. Fisher, C. V. Feaster, E. L. Turcotte, E. H. Morris, Phoenix; L. S. Stith, Tucson; Fred Turner, Safford.  
Arkansas--M. F. Appleberry, McGehee; B. A. Waddle, J. S. Pennington, Fayetteville; R. F. Ford, Jonesboro.  
California--D. M. Bassett, H. B. Cooper, Shafter; C. M. Brown, Brawley.  
Georgia--B. S. Hawkins, H. A. Peacock, Experiment; Shelby Baker, Tifton.  
Louisiana--F. W. Self, Baton Rouge; J. A. Hendrix, L. W. Sloane, St. Joseph; J. Y. Oakes, W. D. Caldwell, Bossier City.  
Mississippi--R. R. Bridge, W. R. Meredith, J. F. Chism, Stoneville.  
Missouri--W. P. Sappenfield, Portageville.  
Nevada--T. A. Reeve, Pahrump.  
New Mexico--N. R. Malm, R. L. Wood, Las Cruces; Carl Barnes, Artesia.  
North Carolina--J. A. Lee, William Brown, Raleigh.  
Oklahoma--L. M. Verhalen, Stillwater; E. S. Oswalt, Chickasha.  
South Carolina--J. B. Pitner, D. C. Harrell, T. W. Culp, Florence.  
Tennessee--P. E. Hoskinson, J. A. Mullins, J. R. Overton, Jackson.  
Texas--G. A. Niles, T. R. Richmond, College Station; J. R. Mulkey, Chillicothe; L. Reyes, L. Wilson, Beeville; L. L. Ray, Lubbock; P. J. Lyerly, E. F. Young, El Paso; S. A. Reeves, Weslaco; J. J. Hefner, Pecos.

The interest and cooperation of the commercial cottonseed firms of the United States are acknowledged. For the most part, seed for the regional varieties were contributed by commercial firms. Seed of varieties used as national standards were supplied by the following organizations: Acala 1517-70--New Mexico Crop Improvement Association, Las Cruces, N. Mex.; Coker 310--Coker's Pedigreed Seed Co., Hartsville, S.C.; Deltapine 16--Delta and Pine Land Co., Scott, Miss.; and Lockett 4789A--Lockett Seed Co., Vernon, Tex.

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